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May 30, 2014

Federal Communications Commission
445 12th Street Southwest
Washington, DC 20536

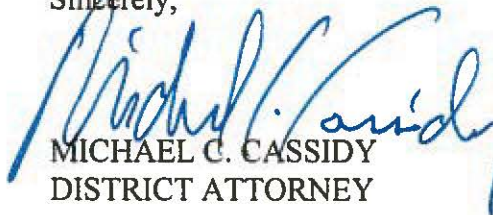
RE: Jefferson Davis Parish School District
Appeal/Request Waiver

Dear Sirs:

Enclosed herein is a petition from the Jefferson Davis Parish School Board appealing the findings in the Funding Commitment Decision Letter from USAC, and further requesting a waiver of any potential rule violations. As the legal advisor for the school board, please know that we want to cooperate with you and provide any further information necessary to promptly resolve this matter.

I appreciate your consideration in this matter. If you have any questions, please do not hesitate to call.

Sincerely,


MICHAEL C. CASSIDY
DISTRICT ATTORNEY

MCC/cc

cc: USAC

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of

Schools and Libraries

Universal Service Support Mechanism

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CC Docket No. _____

PETITION FOR THE WAIVER OF E-RATE RULES CONCERNING

- * FAILURE TO INDICATE A MULTI-YEAR CONTRACT AND VOLUNTARY CONTRACT EXTENSIONS WOULD BE CONSIDERED IN FORM 470 #205520000543782 (BOXES NOT CHECKED) WAIVER
- * CARDINAL CHANGES MADE TO CONTRACT RESULTING FROM POSTING OF FORM #205520000543782 (APPEAL DECISION)
- * COMPETITIVE 28 - DAY RULE (APPEAL DECISION)

Filed by the Jefferson Davis Parish School District Entity #139257

The Jefferson Davis Parish School District files this petition for waiver of the Federal Communication Commission rules so that it may receive the E-Rate funds for which the school district submitted an application covering funding year 2013, notwithstanding minor issues on those applications.

The Jefferson Davis Parish School District (school district) is in receipt of a Funding Commitment Decision Letter (FCDL) dated May 12, 2014, from USAC. The letter outlines violations related to Form 470#205520000543782 for Internet Access and the resulting contact to DETEL WIRELESS (see Appendix A and B).

The FCDL indicates E-Rate funds are being denied because “the cited FCC Form 470 did not indicate your intent to enter into a multi-year contract for the services and does not meet the 28 - day competitive bidding requirement.” Additionally, the FCDL states a “new Form 470 should be posted when a cardinal change to the services of the original contract occurs”. (See Appendix C).

In 2006 the school district did not check the boxes on Form 470 #205520000543782 to indicate that a multiple year contract with voluntary extensions would be considered. This was a clerical error. The school district respectfully submits that this clerical error does not constitute a substantive violation, and that the clerical error should be considered procedural in nature.

The clerical error occurred on August 31, 2005. This was three days after Hurricane Katrina struck the Gulf Coast of Louisiana. The school district was inundated with additional students from the New Orleans area. School District employees were struggling to cope with extra work that was

required in addition to their normal duties, while continuing to fulfill their responsibilities for filing the E-Rate application. Vendors responding to the Form 470 submitted bids for Internet Access with contractual terms and offered voluntary extensions. Under the Bishop Perry Order, many clerical errors can now be corrected; therefore, we are requesting a waiver of the rule. Please note that Hurricane Rita caused the School District to evacuate three weeks later on September 22, 2005. That Hurricane caused extensive damage to two schools and many homes, obviously creating further chaos and hardships to the School District Employees.

Form 470 #205520000543782 was posted on August 31, 2005 and the resulting contract with DETEL WIRELESS was signed on January 24, 2006; therefore, the School District competitively bid the products for more than 28 days and waited more than 120 days before making a commitment with the selected service provider in accordance with 47C.F.R. Sect. 54.504. The School District is appealing the 28 - day competitive rule violation cited in the FCDL.

USAC also cited that a violation of the "cardinal change rule" had occurred and the district should have posted a new Form 470 "when a cardinal rules change to the services of the original contract occurs." The School District posted a Form 470 on December 6, 2012, and the School District did competitively bid Internet Access (see Appendix E and F). The winner of the bid was the current provider, who was providing the School District with excellent service at a very competitive price, and the School District amended the original contract from 2006. The School District did not desire to enter into a new, long term contract at a time Internet Access costs were dropping, and the contract was set to expire on June 30, 2014. The School District is unaware of any guidelines that delineate what amount equates to a cardinal rule change. The School District's priority was to ensure that all students had access to advanced telecommunications and information services. The additional annual cost of a little over \$ 1000 per school seemed minor in comparison to reducing that priority. The School District is appealing this decision and requesting a waiver of the "cardinal change rule", if a cardinal change actually happened. (See appendix D and E)

The Jefferson Davis Parish School District and its employees are committed to guarding against waste, fraud, and abuse, and to insuring that E-Rate funds disbursed through the E-Rate program are used for appropriate purposes and according to the rules. In this matter there was not waste, fraud, or abuse. This was a clerical error several years ago. We respectfully submit that it is in the public interest for the FCC to grant this appeal and waiver of rules. Approval of this waiver will allow the School District to be reimbursed for services provided to its schools in the affected funding years.

If you have any questions, please do not hesitate to contact these designated persons:

Teri Lawrence, E-Rate Consultant #16071123 P.

O. Box 728

Pine Grove, LA 70543

(225) 224-2786

Office

(225) 931-6032

Mobile

(225) 612-6682

Fax

Terilaeratesupport.org

Email

Michael C. Cassidy, District Attorney
P. O. Box 1388
Jennings, LA 70546
(337) 824-1893
(337)824-3311
da31@centurytel.net

Office
Fax
Email

Respectfully submitted



BRIAN LEJEUNE
SUPERINTENDENT
Jefferson Davis Parish School Board
203 E. Plaquemine
Jennings, LA 70546
(337) 824-1834

APPENDIX

The following are included in this appendix:

- A. Form 470 Posted on 8/31/2005 for Internet Access
- B. Internet Access Contract Signed January 24, 2006
- C. Funding Commitment Decision Letter Dated April 16, 2014
- D. Form 470 Posted for Internet Access in Funding Year 2013-2014
- E. Bids received for Internet Access in Funding Year 2013-2014
- F. Bids received for Internet Access in Funding Year 2006-2007

FCC Form

Approval by OMB
3060-0806**470**

Schools and Libraries Universal Service Description of Services Requested and Certification Form

Estimated Average Burden Hours Per Response: 4.0 hours

This form is designed to help you describe the eligible telecommunications-related services you seek so that this data can be posted on the Fund Administrator website and interested service providers can identify you as a potential customer and compete to serve you.

Please read instructions before beginning this application.

(To be completed by entity that will negotiate with providers.)

Block 1: Applicant Address and Identifications

Form 470 Application Number: 205520000543782		
Applicant's Form Identifier: JDPYR06-07		
Application Status: CERTIFIED		
Posting Date: 08/31/2005		
Allowable Contract Date: 09/28/2005		
Certification Received Date: 08/31/2005		
1. Name of Applicant: JEFFERSON DAVIS PARISH DIST		
2. Funding Year: 07/01/2006 - 06/30/2007	3. Your Entity Number 139257	
4a. Applicant's Street Address, P.O.Box, or Route Number 203 E PLAQUEMINE ST		
City JENNINGS	State LA	Zip Code 70546
b. Telephone number (337) 824- 1834	ext. 	c. Fax number (337) 824- 9737
5. Type Of Applicant		
<input checked="" type="checkbox"/> Individual School (individual public or non-public school)		
<input checked="" type="checkbox"/> School District (LEA;public or non-public[e.g., diocesan] local		

district representing multiple schools)

☒ Library (including library system, library outlet/branch or library consortium as defined under LSTA)

☒ Consortium (intermediate service agencies, states, state networks, special consortia of schools and/or libraries)

6a. Contact Person's Name: Helen Atchison

First, if the Contact Person's Street Address is the same as in Item 4 above, check this box. If not, please complete the entries for the Street Address below.

6b. Street Address, P.O.Box, or Route Number

1628 S. Thibodeaux Road

City
JENNINGS

State
LA

Zip Code
70546

Check the box next to your preferred mode of contact and provide your contact information. One box MUST be checked and an entry provided.

☒ **6c. Telephone Number (337) 824- 6360**

☒ **6d. Fax Number (337) 824- 8425**

☒ **6e. E-mail Address hatchison@jeffersondavis.k12.la.us**

Block 2: Summary Description of Needs or Services Requested

7 This Form 470 describes (check all that apply):

a. ☒ Tariffed or month-to-month services to be provided without a written contract. A new Form 470 must be filed for non-contracted tariffed or month-to-month services for each funding year.

b. ☒ Services for which a new written contract is sought for the funding year in Item 2.

Check if you
are seeking

☒ a multi-year
contract and/or

☒ a contract featuring
voluntary extensions

c. ☒ A multi-year contract signed on or before 7/10/97 but for which no Form 470 has been filed in a previous funding year.

NOTE: Services that are covered by a signed, written contract executed pursuant to posting of a Form 470 in a previous funding year OR a contract signed on/before 7/10/97 and previously reported on a Form 470 as an existing contract do NOT require filing of a new Form 470.

What kinds of service are you seeking: Telecommunications Services, Internet Access, Internal Connections Other than Basic Maintenance, or Basic Maintenance of Internal Connections? Refer to the Eligible Services List at www.sl.universalservice.org for examples. Check the relevant category or categories (8, 9, 10 and/or 11 below), and answer the questions in each category you select.

8 ☒ Telecommunications Services

Do you have a Request for Proposal (RFP) that specifies the services you are seeking? If you check YES, your RFP must be available to all interested bidders for at least 28 days. If you check YES and your RFP is not available to all interested bidders, or if you check NO and you have or intend to have an RFP, you risk denial of your funding requests.

a ☒ YES, I have released or intend to release an RFP for these services. It is available or will become available on the Web at or via (check one):
☒ the Contact Person in Item 6 or ☐ the contact listed in Item 12.

b ☐ NO, I have not released and do not intend to release an RFP for these services.

Whether you check YES or NO, you must list below the Telecommunications Services you seek. Specify each service or function (e.g., local voice service) and quantity and/or capacity (e.g., 20 existing lines plus 10 new ones). See the Eligible Services List at www.sl.universalservice.org for examples of eligible Telecommunications services. Remember that only eligible telecommunications providers can provide these services under the universal service support mechanism. Attach additional lines if needed.

c <input checked="" type="checkbox"/> Check this box if you prefer discounts on your bill.	<input checked="" type="checkbox"/> Check this box if you prefer reimbursement after paying your bill in full.	<input type="checkbox"/> Check this box if you do not have a preference.
---	---	---

Service or Function:	Quantity and/or Capacity:
local voice service	Seek better than T1
Local and long distance voice service	Better than T1 lines
Long Distance Voice Service	Better than T1 lines

9 ☒ Internet Access

Do you have a Request for Proposal (RFP) that specifies the services you are seeking? If you check YES, your RFP must be available to all interested bidders for at least 28 days. If you check YES and your RFP is not available to all interested bidders, or if you check NO and you

have or intend to have an RFP, you risk denial of your funding requests.

a ☒ YES, I have released or intend to release an RFP for these services. It is available or will become available on the Web at or via (check one):
☒ the Contact Person in Item 6 or ☐ the contact listed in Item 12.

b ☒ NO, I have not released and do not intend to release an RFP for these services.

Whether you check YES or NO, you must list below the Internet Access Services you seek. Specify each service or function (e.g., monthly Internet service) and quantity and/or capacity (e.g., for 500 users). See the Eligible Services List at www.sl.universalservice.org for examples of eligible Internet Access services. Attach additional lines if needed.

c <input checked="" type="checkbox"/> Check this box if you prefer discounts on your bill.	<input checked="" type="checkbox"/> Check this box if you prefer reimbursement after paying your bill in full.	<input checked="" type="checkbox"/> Check this box if you do not have a preference.
--	--	---

Service or Function:	Quantity and/or Capacity:
Internet Services	Seek better than 4.5 megs

10 ☒ Internal Connections Other than Basic Maintenance
Do you have a Request for Proposal (RFP) that specifies the services you are seeking? If you check YES, your RFP must be available to all interested bidders for at least 28 days. If you check YES and your RFP is not available to all interested bidders, or if you check NO and you have or intend to have an RFP, you risk denial of your funding requests.

a ☒ YES, I have released or intend to release an RFP for these services. It is available or will become available on the Web at or via (check one):
☒ the Contact Person in Item 6 or ☐ the contact listed in Item 12.

b ☒ NO, I have not released and do not intend to release an RFP for these services.

Whether you check YES or NO, you must list below the Internal Connections Services you seek. Specify each service or function (e.g., a router, hub and cabling) and quantity and/or capacity (e.g., connecting 1 classroom of 30 students). See the Eligible Services List at www.sl.universalservice.org for examples of eligible Internal Connections services. Attach additional lines if needed.

c <input checked="" type="checkbox"/> Check this box if you prefer discounts on your bill.	<input checked="" type="checkbox"/> Check this box if you prefer reimbursement after paying your bill in full.	<input checked="" type="checkbox"/> Check this box if you do not have a preference.
--	--	---

11 ☐ Basic Maintenance of Internal Connections

Do you have a Request for Proposal (RFP) that specifies the services you are seeking? If you check YES, your RFP must be available to all interested bidders for at least 28 days. If you check YES and your RFP is not available to all interested bidders, or if you check NO and you have or intend to have an RFP, you risk denial of your funding requests.

a ☐ YES, I have released or intend to release an RFP for these services. It is available or will become available on the Web at or via (check one):
☐ the Contact Person in Item 6 or ☐ the contact listed in Item 12.

b ☐ NO, I have not released and do not intend to release an RFP for these services.

Whether you check YES or NO, you must list below the Basic Maintenance Services you seek. Specify each service or function (e.g., basic maintenance of routers) and quantity and/or capacity (e.g., for 10 routers). See the Eligible Services List at www.sl.universalservice.org for examples of eligible Basic Maintenance services. Attach additional lines if needed.

c ☐ Check this box if you prefer discounts on your bill.

☐ Check this box if you prefer reimbursement after paying your bill in full.

☐ Check this box if you do not have a preference.

12 (Optional) Please name the person on your staff or project who can provide additional technical details or answer specific questions from service providers about the services you are seeking. This need not be the contact person listed in Item 6 nor the Authorized Person who signs this form.

Name: _____ **Title:** _____

Telephone number

0 - _____

Fax number

0 - _____

E-mail Address _____

13a. ☐ Check this box if there are any restrictions imposed by state or local laws or regulations on how or when service providers may contact you or on other bidding procedures. Please describe below any such restrictions or procedures, and/or provide a Web address where they are posted and a contact name and telephone number.

☐ Check this box if no state and local procurement/competitive bidding requirements apply to the procurement of services sought on this Form 470.

13b. If you have plans to purchase additional services in future years, or expect to seek new contracts for existing services, you may summarize below (including the likely timeframes). If you are requesting services for a funding year for which a Form 470 cannot yet be filed online, include that information here. Future plans continue to be upgrading our LAN and WAN. Each year we seek to make communication faster and more efficient for our schools. Plans for wireless or fiber connectivity in future years.

Block 3: Technology Assessment

14. ☐ **Basic telephone service only:** If your application is for basic telephone service and voice mail only, check this box and skip to Item 16. Basic telephone service is defined as wireline or wireless single line voice service (local, cellular/PCS, and/or long distance) and mandatory fees associated with such service (e.g., federal and state taxes and universal service fees).

15. Although the following services and facilities are ineligible for support, they are usually necessary to make effective use of the eligible services requested in this application. Unless you indicated in Item 14 that your application is ONLY for basic telephone service, you must check one or both boxes in 15a through 15e. You may provide details for purchases being sought.

a. Desktop communications software: Software required ☐ has been purchased; and/or ☐ is being sought.

b. Electrical systems: ☐ adequate electrical capacity is in place or has already been arranged; and/or ☐ upgrading for additional electrical capacity is being sought.

c. Computers: a sufficient quantity of computers ☐ has been purchased; and/or ☐ is being sought.

d. Computer hardware maintenance: adequate arrangements ☐ have been made; and/or ☐ are being sought.

e. Staff development: ☒ all staff have had an appropriate level of training /additional training has already been scheduled; and/or ☒ training is being sought.

f. Additional details: Use this space to provide additional details to help providers to identify the ineligible services you desire.

Block 4: Recipients of Service

16. Eligible Entities That Will Receive Services:

Check the ONE choice (Item 16a, 16b or 16c) that best describes this application and the eligible entities that will receive the services described in this application. You will then list in Item 17 the entity/entities that will pay the bills for these services.

a. ☒ Individual school or single-site library.

b. ☒ Statewide application for (enter 2-letter state code) representing (check all that apply):

- ☒ All public schools/districts in the state:
- ☒ All non-public schools in the state:
- ☒ All libraries in the state:

If your statewide application includes INELIGIBLE entities, check here. ☒ If checked, complete Item 18.

c. ☒ School district, library system, or consortium application to serve multiple eligible entities:

Number of eligible entities	17
<i>For these eligible sites, please provide the following</i>	

Area Codes (list each unique area code)	Prefixes associated with each area code (first 3 digits of phone number) separate with commas, leave no spaces
337	584
337	588
337	616
337	734
337	753
337	756
337	774
337	824

17. Billed Entities

17. Billed Entities: List the entity/entities that will be paying the bills directly to the provider for the services requested in this application. These are known as Billed Entities. At least one line of this item must be completed. If a Billed Entity cited on your Form 471 is not listed below, funding may be denied for the funding requests associated with this Form 470.

Entity Number	Entity
139257	JEFFERSON DAVIS PARISH DIST

18. Ineligible Participating Entities

List the names of any entity/entities here for whom services are requested that are not eligible for the Universal Service Program.

Ineligible Participating Entity	Area Code	Prefix
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Block 5: Certification

19. ☒ I certify that the applicant includes:(Check one or both.)

- a. ☒ schools under the statutory definitions of elementary and secondary schools found in the No Child Left Behind Act of 2001, 20 U.S.C.Secs.7081(18) and (38), that do not operate as for-profit businesses, and do not have endowments exceeding \$50 million; and/or**
- b. ☒ libraries or library consortia eligible for assistance from a State library administrative agency under the Library Services and Technology Act of 1996 that do not operate as for-profit businesses and whose budgets are completely separate from any school (including, but not limited to elementary and secondary schools, colleges, and universities).**

20. ☒ I certify that all of the individual schools, libraries, and library consortia receiving services under this application are covered by technology plans that are written, that cover all 12 months of the funding year, and that have been or will be approved by a state or other authorized body, an SLD-certified technology plan approver, prior to the commencement of service. The plans were written at the following level(s):

- a. ☒ individual technology plans for using the services requested in the application; and/or**
- b. ☒ higher-level technology plans for using the services requested in the application; or**
- c. ☒ no technology plan needed; application requests basic local, cellular, PCS, and/or long distance telephone service and/or voice mail only**

21. ☒ I certify that I will post my Form 470 and (if applicable) make my RFP available for at least 28 days before considering all bids received and selecting a service provider. I certify that all bids submitted will be carefully considered and the bid selected will be for the most cost-effective service or equipment offering, with price being the primary factor, and will be the most cost-effective means of meeting educational needs and technology plan goals. I certify that I will retain required documents for a period of at least five years after the last day of service delivered. I certify that I will retain all documents necessary to demonstrate compliance with the statute and Commission rules regarding the application for, receipt of, and delivery of services receiving schools and libraries discounts. I acknowledge that I may be audited pursuant to participation in the schools and libraries program.

22. ☒ I certify that the services the applicant purchases at discounts provided by 47 U.S.C. Sec. 254 will be used solely for educational purposes and will not be sold, resold, or transferred in consideration for money or any other thing of value, except as permitted by the Commission's rules at 47 C.F.R. Sec. 54.500(k). Additionally, I certify that the entity or entities listed on this application have not received anything of value or a promise of anything of value, other than the services and equipment sought by means of this form, from the service provider, or any representative or agent thereof or any consultant in connection with this request for services.

23. ☒ I acknowledge that support under this support mechanism is conditional upon the school(s) and/or library(ies) I represent securing access, separately or through this program, to all of the resources, including computers, training, software, internal connections, maintenance, and electrical capacity necessary to use the services purchased effectively. I recognize that some of the aforementioned resources are not eligible for support.

24. ☒ I certify that I am authorized to order telecommunications and other supported services for the eligible entity(ies). I certify that I am authorized to submit this request on behalf of the eligible entity(ies) listed on this application, that I have examined this request, and to the best of my knowledge, information, and belief, all statements of fact contained herein are true.

25. ☒ I certify that I have reviewed all applicable state and local procurement/competitive bidding requirements and that I have complied with them. I acknowledge that persons willfully making false statements on this form can be punished by fine or forfeiture, under the Commissions Act, 47 U.S.C. Secs. 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. Sec. 1001.

26. ☒ I acknowledge that FCC rules provide that persons who have been convicted of criminal violations or held civilly liable for certain acts arising from their participation in the schools and libraries support mechanism are subject to suspension and debarment from the program.

27. Signature of authorized person: ☒

28. Date (mm/dd/yyyy): 08/31/2005

29. Printed name of authorized person: Helen Atchison

30. Title or position of authorized person: Curriculum Technology Specialist

**31a. Address of authorized person: PO Box 640
City: Jennings State: LA Zip: 70546**

31b. Telephone number of authorized person: (337) 824 - 6360

31c. Fax number of authorized person: (337) 8248425

**31d. E-mail address number of authorized person:
hatchison@jeffersondavis.k12.la.us**

31e. Name of authorized person's employer: Jefferson Davis Parish School Board

Service provider involvement with preparation or certification of a Form 470 can taint the competitive bidding process and result in the denial of funding requests. For more information, refer to the SLD web site at www.sl.universalservice.org or call the Client Service Bureau at 1-888-203-8100.

NOTICE: Section 54.504 of the Federal Communications Commission's rules requires all schools and libraries ordering services that are eligible for and seeking universal service discounts to file this Description of Services Requested and Certification Form (FCC Form 470) with the Universal Service Administrator. 47 C.F.R. § 54.504. The collection of information stems from the Commission's authority under Section 254 of the Communications Act of 1934, as amended. 47 U.S.C. § 254. The data in the report will be used to ensure that schools and libraries comply with the competitive bidding requirement contained in 47 C.F.R. § 54.504. All schools and libraries planning to order services eligible for universal service discounts must file this form themselves or as part of a consortium.

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

The FCC is authorized under the Communications Act of 1934, as amended, to collect the information we request in this form. We will use the information you provide to determine whether approving this application is in the public interest. If we believe there may be a violation or a potential violation of any applicable statute, regulation, rule or order, your application may be referred to the Federal, state, or local agency responsible for investigating, prosecuting, enforcing, or implementing the statute, rule, regulation or order. In certain cases, the information in your application may be disclosed to the Department of Justice or a court or adjudicative body when (a) the FCC; or (b) any employee of the FCC; or (c) the United States Government is a party of a proceeding before the body or has an interest in the proceeding. In addition, information provided in or submitted with this form or in response to subsequent inquiries may also be subject to disclosure consistent with the Communications Act of 1934, FCC regulations, the Freedom of Information Act, 5 U.S.C. § 552, or other applicable law.

If you owe a past due debt to the federal government, the information you provide may also be disclosed to the Department of the Treasury Financial Management Service, other Federal agencies and/or your employer to offset your salary, IRS tax refund or other payments to collect that debt. The FCC may also provide the information to these agencies through the matching of computer records when authorized.

If you do not provide the information we request on the form, the FCC may delay processing of your application or may return your application without action.

The foregoing Notice is required by the Paperwork Reduction Act of 1995, Pub. L. No. 104-13, 44 U.S.C. § 3501, et seq.

Public reporting burden for this collection of information is estimated to average 4 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, completing, and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the reporting burden to the Federal Communications Commission, Performance Evaluation and Records Management, Washington, DC 20554.

Please submit this form to:

SLD-Form 470

P.O. Box 7026

Lawrence, Kansas 66044-7026

1-888-203-8100

For express delivery services or U.S. Postal Service, Return Receipt Requested, mail this form to:

SLD Forms

ATTN: SLD Form 470
3833 Greenway Drive
Lawrence, Kansas 66046
1-888-203-8100

FCC Form 470
October 2004

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Appendix B

Original Internet Access Contract

INTERNET ACCESS AGREEMENT

This Internet Access Agreement ("Agreement") is entered into by and between DETEL Wireless, L.L.C., a Louisiana limited liability company, ("Detel") and Jefferson Davis School District ("Customer").

BACKGROUND

- A Customer desires Detel to provide the Customer Internet Access in 1 location in Jefferson Davis Parish hereto (the "Internet Services").
- B. Customer will allow its students, faculty and employees (the "Users") to use the Internet Services.

AGREEMENT

1. Use of Internet Services

Detel shall provide Customer with the Internet Services under the terms and conditions embodied in this Agreement. Customer may not resell or redistribute any portion of the Internet Services to any third party for financial gain. Customer agrees that the use of the Internet Services by the Users will be subject to the terms and conditions hereof. Customer agrees that Customer is fully responsible for the Users' conduct while using the Internet Services, and for any consequences if such individual misuses the Internet Services, violates this Agreement, or accesses material or information which you feel Customer or any User is obscene or otherwise objectionable.

2. Fees and Payment

Regardless of whether or not Customer uses the Internet Services, Detel will charge Customer a monthly fee of \$2,999.00 for 6 Mbps DS3 internet services, which shall be paid by Customer on the first day of each month during the term of this Agreement (the "Internet Fee") subject to approval for funding by SLD. From time to time, Detel may add or modify certain services relating to the Internet Services, and upon receiving approval from the Customer, Detel reserves the right to charge Customer additional or different fees for providing such new or modified services to Customer. Customer may upgrade this service to 9 Mbps for a monthly fee of \$3,700.00 as provided by the fee schedule included in the original response to the bid / RFP. Customer will also be liable for all attorney and collection fees arising from efforts to collect any unpaid balances on Customer's Account.

3. Term

This Agreement is for a term of five (5) years beginning on the 1st day of July, 2006, and ending at midnight on the 30th day of June, 2011, unless the term is earlier terminated or extended as hereinafter provided. This Agreement shall automatically renew for successive one year periods unless terminated as provided herein. Either party hereto may terminate this Agreement at the end of the respective term by giving the other party thirty (30) days written notice prior to the end of the respective term.

4. Uncensored Internet Access

YOU UNDERSTAND THAT THE INTERNET SERVICES PROVIDES FULL, UNCENSORED ACCESS TO MATERIALS ON THE INTERNET CREATED AND MAINTAINED BY UNAFFILIATED THIRD PARTIES. DETEL EXERTS NO EDITORIAL CONTROL OVER SUCH MATERIALS, PORTIONS OF WHICH MAY BE CONSIDERED SEXUALLY EXPLICIT, OBSCENE OR OTHERWISE OFFENSIVE. IN NO EVENT SHALL DETEL BE LIABLE TO ANY PERSON OR ENTITY, EITHER DIRECTLY OR INDIRECTLY, WITH RESPECT TO ANY MATERIALS FROM THIRD PARTIES ACCESSED THROUGH THE INTERNET SERVICES. YOU ASSUME TOTAL RESPONSIBILITY AND RISK FOR CUSTOMER'S USE AND THE USERS' USE OF THE INTERNET SERVICES AND THE INTERNET GENERALLY. DETEL DISCLAIMS ANY AND ALL RESPONSIBILITY FOR CONTENT CONTAINED IN ANY THIRD PARTY MATERIALS PROVIDED THROUGH THE INTERNET SERVICES. CUSTOMER HEREBY AGREES TO INDEMNIFY AND HOLD DETEL HARMLESS FOR ANY AND ALL LOSSES, CLAIMS AND LIABILITIES RELATED TO THE USE OF THE INTERNET SERVICES BY CUSTOMER AND THE USERS INCLUDING REASONABLE ATTORNEYS' FEES.

5. Disclaimers of Warranty

THE INTERNET SERVICES ARE PROVIDED ON AN "AS IS" AND "AS AVAILABLE" BASIS AND CUSTOMER'S AND USERS' USE OF THE INTERNET SERVICES IS ENTIRELY AT CUSTOMER'S OWN RISK. CUSTOMER ASSUMES TOTAL RESPONSIBILITY AND RISK FOR CUSTOMER'S AND USERS' USE OF THE INTERNET SERVICES AND THE INTERNET GENERALLY. IT IS ALSO SOLELY CUSTOMER'S RESPONSIBILITY TO EVALUATE THE ACCURACY, COMPLETENESS, USEFULNESS OR VALIDITY OF ALL OPINIONS, ADVICE, SERVICE, PROMOTIONS, ADVERTISEMENTS, AWARDS, PRIZES OR OTHER INFORMATION, AND THE QUALITY AND MERCHANTABILITY OF ALL MERCHANDISE, PROVIDED THROUGH THE INTERNET SERVICES OR ON THE INTERNET GENERALLY. NEITHER DETEL, NOR ITS AFFILIATES OR SUBSIDIARIES, MAKE ANY REPRESENTATIONS, WARRANTIES OR ENDORSEMENTS, EXPRESS OR IMPLIED, WITH REGARD TO THE

INTERNET SERVICES OR ANY MERCHANDISE, INFORMATION OR SERVICE PROVIDED THROUGH THE INTERNET SERVICES OR ON THE INTERNET GENERALLY, OR AS TO THE ACCURACY, QUALITY, COMPLETENESS TITLE, NONINFRINGEMENT, OWNERSHIP, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OTHERWISE OF ANY MATERIALS ACCESSED THROUGH THE INTERNET SERVICES. DETEL HEREBY EXPRESSLY DISCLAIMS ANY AND ALL WARRANTIES, INCLUDING, WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

6. Limitation of Liability

DETEL WILL NOT BE RESPONSIBLE TO CUSTOMER, THE USERS OR ANY THIRD PARTIES UNDER ANY CIRCUMSTANCES FOR ANY INDIRECT, CONSEQUENTIAL, SPECIAL, PUNITIVE OR EXEMPLARY DAMAGES OR LOSSES WHICH CUSTOMER OR ANY USER MAY INCUR IN CONNECTION WITH THE INTERNET SERVICES OR THE INTERNET GENERALLY, OR CUSTOMER'S OR ANY USERS' USE THEREOF, OR ANY OF THE DATA OR OTHER MATERIALS TRANSMITTED THROUGH OR RESIDING ON THE INTERNET SERVICES, REGARDLESS OF THE TYPE OF CLAIM OR THE NATURE OF THE CAUSE OF ACTION, EVEN IF DETEL HAS BEEN ADVISED OF THE POSSIBILITY OF DAMAGE OR LOSS. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION.

7. Privacy

When reasonably practicable, Detel will attempt to preserve the confidentiality of communication with and through the Internet Services. However, Customer agrees that Detel has the right to monitor the Internet Services electronically from time to time and to disclose any information as necessary to satisfy any law, regulation or other government request, to operate the Internet Services properly, or to protect itself or its subscribers. Detel has no obligation to monitor the Internet Services. However, Detel reserves the right to refuse to post or to remove any information or materials, in whole or part, that, in its sole discretion, are unacceptable or in violation of this Agreement. Customer understands and agrees that, unless Customer notifies Detel to the contrary in writing, Detel may publish Customer's name and other information in directories which may be accessed by third parties.

8. System Rules

Customer shall follow the rules and cause the Users to follow the rules which are important for the proper use of the Internet Services. Customer's failure or failure of the Users to follow these rules, whether set out in this Agreement, or in bulletins posted at various points by Detel (the "Rules"), may result in Detel terminating this Agreement. Customer agrees to the

following rules:

- (a) except as otherwise provided herein, Customer will not let the Internet Services be used by anyone except Customer and the Users;
- (b) Customer shall not upload, post, publish, transmit, reproduce, or distribute and Customer shall prevent all Users from uploading, posting, publishing, transmitting, reproducing, or distributing in any way, information, software, or other material which is protected by copyright, or other proprietary right, without obtaining permission of the owner of such rights;
- (c) Customer shall not use and Customer shall prevent the Users from using the Internet Services to commit a crime, or to plan, encourage or help others to commit a crime;
- (d) Customer shall not post or transmit and Customer shall prevent every User from posting or transmitting any:
 - (i) advertising, promotional materials or any other form of solicitation (Detel reserves the right, in Detel's sole discretion, to determine whether such post or transmission constitutes an advertisement, promotional material or any other form of solicitation);
 - (ii) private e-mail to any newsgroup or mailing list or other similar groups or lists without the explicit approval of the sender; and
 - (iii) unlawful, threatening, abusive, libelous, defamatory, obscene, pornographic, profane or otherwise objectionable information of any kind.
- (e) Customer shall not post and Customer shall prevent every User from posting to any newsgroup or mailing list or other similar groups or lists, items which are off-topic (e.g., off-topic according to the charter of the newsgroup or mailing list or other similar groups or lists or if the item provoked complaints from regular readers of the newsgroup or mailing list or other similar groups or lists for being off-topic);
- (f) Customer shall not violate and Customer shall prevent every User from violating the terms and conditions and operating rules of any other interactive service, including, without limitation, other newsgroups and mailing lists or other similar groups or lists and World Wide Web sites; and
- (g) Customer shall not impersonate and Customer shall prevent every User from impersonating another user or otherwise falsify one's user name in e-mail or in

any post or transmission to any newsgroup or mailing list or other similar groups or lists.

9. Indemnity

Customer agrees to defend and indemnify and hold harmless Detel and its officers, directors, employees, affiliates and subsidiaries from and against any and all claims, proceedings, damages, injuries, liability, losses, costs and expenses claims, proceedings (including, without limitation, reasonable attorneys' fees) regardless of the type of claim or nature of the cause of action arising out of or relating to any:

- (a) acts by Customer or any User or materials or information transmitted by Customer or any User in connection with the Internet Services;
- (b) violation of any Rules by Customer or any User; and
- (c) breach of any obligation of this Agreement.

10. Proprietary Rights

By posting messages, uploading files, inputting data, or engaging in any form of communication (collectively, "Communications") in or through the Internet Services by Customer or User, Customer is granting to Detel a perpetual, worldwide license (the "License") to use, copy, modify, adapt or document such Communications. Detel shall use the Communications solely in conjunction with providing, promoting or distributing the Internet Services. The License does not, however, grant Detel any ownership rights in or to the Communications. Customer shall have no recourse against Detel for any alleged or actual infringement of any proprietary rights to which Customer may claim ownership. Detel or our suppliers own all rights, title and interest in and to all components of the Internet Services, but expressly excluding content owned by third parties which may be accessible through the Internet Services and/or the Internet generally. Detel's ownership rights in the Internet Services include, but are not limited to, the look and feel of the end-user interfaces associated with the Internet Services, the name of the Internet Services, and the collective works consisting of all public messages on the Internet Services. Customer may not reproduce and shall prevent each User from reproducing any sequence of messages from our Internet Services without Detel's permission. In addition, Customer may not copy, modify, adapt, reproduce, translate, distribute, reverse engineer, decompile, or disassemble and shall prevent each User from modifying, adapting, reproducing, translating, distributing reverse engineering, decompiling or disassembling (i) any aspect of the Internet Services which Detel or Detel's suppliers own, or (ii) any service, information or materials supplied by a third party content provider and which Customer or any User may access through the Internet Services.

11. Miscellaneous

11.1. Notices. All notices, requests, consents, and other communication required or permitted hereunder shall be in writing and shall be personally delivered, electronically delivered by facsimile or telex or mailed by using U.S. first-class, registered or certified mail, return receipt requested, postage prepaid, to the following addresses or to such other address as the parties hereto may designate in writing:

Customer: Jefferson Davis Parish School District
1628 S. Thibodeaux Road
Jennings, LA 70546
Attn: Helen Atchison
Telephone: (337) 824-6360
Facsimile: (337) 824-8425

Detel: Detel Wireless, LLC
ATTN: Keith Fontenot
10434 Plaza Americana
Baton Rouge, LA 70816
Telephone: (225) 952-9430
Facsimile: (225) 952-9432

With a copy to: Dean P. Cazenave
KEAN, MILLER, HAWTHORNE,
D'ARMOND, McCOWAN & JARMAN, L.L.P.
Post Office Box 3513 (70821)
Suite 2200, One American Place
Baton Rouge, Louisiana 70802
Telephone: (225) 382-3483
Facsimile: (225) 388-9133

All such notices, requests, consents and other communications shall be deemed to be properly given if delivered personally or, if sent by U.S. Mail, registered or certified, return receipt requested, three (3) business days after the same have been deposited in the United States Mail, addressed and postage prepaid as set forth above or, if sent by Federal Express (or other nationally recognized overnight carrier), the day after delivery to Federal Express (or other nationally recognized overnight carrier) or, if sent electronically, upon verification of receipt.

10.2 Counterparts. This Agreement may be executed in any number of counterparts, each of which when executed by the parties hereto and delivered shall be deemed to be an original, and all such counterparts taken together shall be deemed to be but one and the same

instrument.

10.3 Governing Law. This Agreement shall be governed by, and construed and enforced in accordance with the internal laws of the State of Louisiana; provided, however, that if any law or laws of the State of Louisiana shall require or otherwise permit the application of the laws of any other jurisdiction, such Louisiana law or laws shall be disregarded with the effect that the remaining laws of the State of Louisiana shall nonetheless be applied. **THE PARTIES HEREBY CONSENT TO THE JURISDICTION OF ANY STATE OR FEDERAL COURT OF COMPETENT JURISDICTION IN BATON ROUGE, LOUISIANA, FOR ALL PURPOSES.**

10.4 Integration: Construction. This Agreement shall comprise the complete of the agreements of the parties hereto and shall supersede all prior agreements, written or oral, pertaining to the subject matter hereof. This Agreement has been drafted with the joint participation of the parties hereto and shall be construed to be neither against nor in favor of either party, but rather shall be construed in accordance with the fair meaning thereof.

10.5 Waivers and Amendments. No amendment, modification, supplement, termination or waiver of any provision of this Agreement, and no consent to any departure there from, may in any event be effective unless in writing and signed by the party or parties affected thereby, and then only in the specific instance and for the specific purpose given. Failure on the part of either party to insist on the strict performance of any of the terms and conditions of this Agreement shall not operate as a waiver of those or any other terms and conditions.

10.6 Attorneys' Fees. Each party to this Agreement shall bear its own legal fees and any and all other expenses relating to the transactions contemplated in this Agreement. If any party institutes any action or proceeding to enforce this Agreement or any provision hereof or for damages by reason of any alleged breach of this Agreement or of any provision hereof or for a declaration of rights hereunder, then the prevailing party in any such action or proceeding shall be entitled to receive from the other party all costs and expenses, including reasonable attorneys' fees, incurred by the prevailing party in connection with such action or proceeding.

10.7 Headings. The table of contents (if any) and headings of the Articles and Sections of this Agreement are for convenience of reference only and shall not affect the construction of any provision of this Agreement.

10.8 Exhibits. Each Exhibit referred to herein and attached hereto is an integral part of this Agreement and is incorporated herein by this reference.

10.9 Survival of Representations and Warranties. All agreements, representations and warranties contained herein shall survive the execution and delivery of this Agreement and the closing of the transactions contemplated hereby.

10.10 Assignment. Customer may not assign all or any part of this Agreement without the written consent of Detel.

10.11 Interpretation. This Agreement shall be interpreted as if written by both parties

hereto.

10.12 Force Majeure. Performance of any obligation under this Agreement may be suspended by either party, without liability, to the extent that an Act of God, war, riot, fire, explosion, accident, flood, sabotage, inability to obtain fuel or power, governmental laws, regulations or orders, or any other cause beyond the reasonable control of such party, or labor trouble, strike, lockout or injunction (whether or not such labor event is within the reasonable control of such party), makes impracticable the performance of this Agreement ("Event of Force Majeure"). Notwithstanding the foregoing, in no event shall the Customer's inability to pay the Internet Fee be deemed an Event of Force Majeure. The affected party shall invoke this provision by promptly notifying the other party in writing of the nature of the contingency and the estimated extent and duration of the suspension. If any Event of Force Majeure causes either party to this Agreement to suspend performance hereunder for a period in excess of ninety (90) days, the party that has not suspended performance shall have the option to terminate this Agreement by providing the other party ten (10) days' notice of such termination.

Executed this 24 day of January, 2006.

WITNESSES:

Brian D. [Signature]

Heather [Signature]

Detel:

DETEL WIRELESS, L.L.C.

By: Daryl Deschatelet 1/24/06

Printed Name: Daryl Deschatelet

Title: CEO

WITNESSES:

Brian D. [Signature]

Heather [Signature]

Customer:

Jefferson Davis Parish School District

By: Tammy Lee Smith

Printed Name: Tammy Lee Smith

Title: Supt. Jefferson Davis Parish School Board

Appendix C



USAC

Universal Service Administrative Company
Schools and Libraries Division
Correspondence Unit
30 Lanidex Plaza West
PO Box 685
Parsippany, NJ 07054-0685



TIME SENSITIVE MATERIAL

00006
Teri Lawrence
JEFFERSON DAVIS PARISH DIST
PO Box 728
Pine Grove, LA 70453-0728



Universal Service Administrative Company

Schools and Libraries Division

FUNDING COMMITMENT DECISION LETTER
(Funding Year 2013: 07/01/2013 - 06/30/2014)

April 16, 2014

Teri Lawrence
JEFFERSON DAVIS PARISH DIST
PO Box 728
Pine Grove, LA 70458-0728

Re: FCC Form 471 Application Number: 886370
Billed Entity Number (BEN): 139257
Billed Entity FCC Registration Number (FCC RN): 0011757408
Applicant's Form Identifier: PI 2013-14

Thank you for your Funding Year 2013 application for Universal Service Support and for any assistance you provided throughout our review. The current status of the funding request(s) in the FCC Form 471 application cited above and featured in the Funding Commitment Report(s) (Report) at the end of this letter is as follows.

- The amount, \$499,611.56 is "Approved."
- The amount, \$104,270.52 is "Denied."
- The amount, \$61,620.00 is "Cancelled."

Please refer to the Report following this letter for specific funding request decisions and explanations. The Universal Service Administrative Company (USAC) is also sending this information to your service provider so that preparations can begin for implementing your approved discount(s) after you file FCC Form 486, Receipt of Service Confirmation Form. A guide that provides a definition for each line of the Report is available in the Guide to USAC Letter Reports in the Reference Area of our website.

NEXT STEPS

- Work with your service provider to determine if you will receive discounted bills or if you will request reimbursement from USAC after paying your bills in full.
- Review technology planning approval requirements.
- Review Children's Internet Protection Act (CIPA) requirements.
- File FCC Form 486.
- Invoice USAC using the FCC Form 474, Service Provider Invoice (SPI) Form, or FCC Form 472, Billed Entity Applicant Reimbursement (BEAR) Form, - as products and services are being delivered and billed.

TO APPEAL THIS DECISION:

You have the option of filing an appeal with USAC or directly with the Federal Communications Commission (FCC).

If you wish to appeal a decision in this letter to USAC, your appeal must be received by USAC or postmarked within 60 days of the date of this letter. Failure to meet this requirement will result in automatic dismissal of your appeal. In your letter of appeal:

1. Include the name, address, telephone number, fax number, and email address for the person who can most readily discuss this appeal with us.

Schools and Libraries Division - Correspondence Unit
30 Landmark Plaza West, PO Box 685, Parsippany, NJ 07054-0685
Visit us online at: www.usac.org/sl

2. State outright that your letter is an appeal. Include the following to identify the USAC decision letter (e.g., FEDL) and the decision you are appealing:
 - Appellant name,
 - Applicant name and service provider name, if different from appellant,
 - Applicant BEN and Service Provider Identification Number (SPIN),
 - FCC Form 471 Application Number 886370 and the Funding Request Number (FRN) or Numbers as assigned by USAC,
 - "Funding Commitment Decision Letter for Funding Year 2013," AND
 - The exact text of the decision that you are appealing.
3. Please keep your letter to the point, and provide documentation to support your appeal. Be sure to keep a copy of your entire appeal, including any correspondence and documentation.
4. If you are the applicant, please provide a copy of your appeal to the service provider(s) affected by USAC's decision. If you are the service provider, please provide a copy of your appeal to the applicant(s) affected by USAC's decision.
5. Provide an authorized signature on your letter of appeal.

We strongly recommend that you use one of the electronic filing options. To submit your appeal to USAC by email, email your appeal to appeals@sl.universalservice.org or submit your appeal electronically by using the "Submit a Question" feature on the USAC website. USAC will automatically reply to incoming emails to confirm receipt.

To submit your appeal to USAC by fax, fax your appeal to (973) 599-6542.

To submit your appeal to USAC on paper, send your appeal to:

Letter of Appeal
 Schools and Libraries Division - Correspondence Unit
 30 Landex Plaza West
 PO Box 685
 Parsippany, NJ 07054-0685

For more information on submitting an appeal to USAC, please see "Appeals" in the Schools and Libraries section of the USAC website.

If you wish to appeal a decision in this letter to the FCC, you should refer to CC Docket No. 02-6 on the first page of your appeal to the FCC. Your appeal must be received by the FCC or postmarked within 60 days of the date of this letter. Failure to meet this requirement will result in automatic dismissal of your appeal. We strongly recommend that you use the electronic filing options described in Appeals in the Schools and Libraries section of our website. If you are submitting your appeal via United States Postal Service, send to: FCC, Office of the Secretary, 445 12th Street SW, Washington, DC 20554.


OBLIGATION TO PAY NON-DISCOUNT PORTION

Applicants are required to pay the non-discount portion of the cost of the products and/or services to their service provider(s). Service providers are required to bill applicants for the non-discount portion. The FCC stated that requiring applicants to pay their share ensures efficiency and accountability in the program. If USAC is being billed via the FCC Form 474, the service provider must bill the applicant at the same time it bills USAC. If USAC is being billed via the FCC Form 472, the applicant pays the service provider in full (the non-discount plus discount portion) and then seeks reimbursement from USAC. If you are using a trade-in as part of your non-discount portion, please refer to Disposal or Trade-in of Equipment posted in the Reference Area of our website for more information.

NOTICE ON RULES AND FUNDS AVAILABILITY

Applicants' receipt of funding commitments is contingent on their compliance with all statutory, regulatory, and procedural requirements of the Schools and Libraries Program. Applicants who have received funding commitments continue to be subject to audits and other reviews that USAC and/or the FCC may undertake periodically to assure that funds that have been committed are being used in accordance with all such requirements. USAC may be required to reduce or cancel funding commitments that were not issued in accordance with such requirements, whether due to action or inaction, including but not limited to that by USAC, the applicant, or the service provider. USAC, and other appropriate authorities (including but not limited to the FCC), may pursue enforcement actions and other means of recourse to collect improperly disbursed funds. The timing

of payment of invoices may also be affected by the availability of funds based on the amount of funds collected from contributing telecommunications companies.

 Schools and Libraries Division
Universal Service Administrative Company



FUNDING COMMITMENT REPORT
Billed Entity Name: JEFFERSON DAVIS PARISH DIST
BEH: 139257
Funding Year: 2013

Comment on RAL corrections: The applicant did not submit any RAL corrections.

FCC Form 471 Application Number: 886370

Funding Request Number: 2425538

Funding Status: Not Funded

Category of Service: Internet Access

FCC Form 470 Application Number: 205520000548782

SPIN: 143026277

Service Provider Name: Datal Wireless

Contract Number: Datal

Billing Account Number: 3378241834

Multiple Billing Account Numbers: N

Service Start Date: 07/01/2013

Service End Date: N/A

Contract Award Date: 01/24/2006

Contract Expiration Date: 06/30/2014

Shared Worksheet Number: 1513742

Number of Months Recurring Service Provided in Funding Year: 12

Annual Pre-discount Amount for Eligible Recurring Charges: \$131,988.00

Annual Pre-discount Amount for Eligible Non-recurring Charges: \$.00

Pre-discount Amount: \$131,988.00

Discount Percentage Approved by the USAC: 79%

Funding Commitment Decision: \$0.00 - Bidding Violation

Funding Commitment Decision Explanation: The FRN is denied because the cited FCC Form 470 did not indicate your intent to enter into a multi-year contract for the services and does not meet the 28 day competitive bidding requirement. Additionally, a new FCC Form 470 should be posted when a cardinal change to the services of the original contract occurs. You did not meet this requirement and the FRN is denied.

FCDL Date: 04/16/2014

Wave Number: 047

Last Allowable Date for Delivery and Installation for Non-Recurring Services: 09/30/2015

Consultant Name: Teri Lawrence

Consultant Registration Number (CRN): 16071123

Consultant Employer: Teri Lawrence

FUNDING COMMITMENT REPORT
Billed Entity Name: JEFFERSON DAVIS PARISH DIST
BEN: 139257
Funding Year: 2013



Comment on RAL corrections: The applicant did not submit any RAL corrections.

FCC Form 471 Application Number: 886370
Funding Request Number: 2425539
Funding Status: Not Funded
Category of Service: Internet Access
FCC Form 470 Application Number: 439000001095340
SPIN: 143026277
Service Provider Name: Datal Wireless
Contract Number: JDP5BKH10-13
Billing Account Number: 3378241834
Multiple Billing Account Numbers: N
Service Start Date: 07/01/2013
Service End Date: N/A
Contract Award Date: 02/09/2010
Contract Expiration Date: 06/30/2016
Shared Worksheet Number: 1513742
Number of Months Recurring Service Provided in Funding Year: 12
Annual Pre-discount Amount for Eligible Recurring Charges: \$78,000.00
Annual Pre-discount Amount for Eligible Non-recurring Charges: \$.00
Pre-discount Amount: \$78,000.00
Discount Percentage Approved by the USAO: 79%
Funding Commitment Decision: \$0.00 - Applicant request
Funding Commitment Decision Explanation: ERN canceled in consultation with the applicant.

ECOL Date: 04/16/2014
Wave Number: 047
Last Allowable Date for Delivery and Installation for Non-Recurring Services: 09/30/2015
Consultant Name: Teri Lawrence
Consultant Registration Number (CRN): 16071123
Consultant Employer: Teri Lawrence

FUNDING COMMITMENT REPORT
Billed Entity Name: JEFFERSON DAVIS PARISH DIST
BEN: 139257
Funding Year: 2013

Comment on RAL corrections: The applicant did not submit any RAL corrections.

FCC Form 471 Application Number: 886370
Funding Request Number: 2425540
Funding Status: Funded
Category of Service: Telecommunications Service
FCC Form 470 Application Number: 439000001095340
SPIN: 143001594
Service Provider Name: CenturyLink CenturyTel of Evangeline, LLC
Contract Number: T
Billing Account Number: 337-824-1834
Multiple Billing Account Numbers: N
Service Start Date: 07/01/2013
Service End Date: 06/30/2014
Contract Award Date: N/A
Contract Expiration Date: N/A
Shared Worksheet Number: 1513742
Number of Months Recurring Service Provided in Funding Year: 12
Annual Pre-discount Amount for Eligible Recurring Charges: \$21,168.24
Annual Pre-discount Amount for Eligible Non-recurring Charges: \$0.00
Pre-discount Amount: \$21,168.24
Discount Percentage Approved by the USAC: 79%
Funding Commitment Decision: \$16,722.91 - ERN approved as submitted

ECDL Date: 04/16/2014
Wave Number: 047
Last Allowable Date for Delivery and Installation for Non-Recurring Services: 09/30/2015
Consultant Name: Teri Lawrence
Consultant Registration Number (GRN): 16071123
Consultant Employer: Teri Lawrence

FUNDING COMMITMENT REPORT
Billed Entity Name: JEFFERSON DAVIS PARISH DIST
BEN: 139257
Funding Year: 2013

Comment on RAL corrections: The applicant did not submit any RAD corrections.

FCC Form 471 Application Number: 886370
Funding Request Number: 2625541
Funding Status: Funded
Category of Service: Telecommunications Service
FCC Form 470 Application Number: 439000001095340
SPIN: 143004824
Service Provider Name: BellSouth Telecommunications, LLC
Contract Number: T
Billing Account Number: 3378241834
Multiple Billing Account Numbers: N
Service Start Date: 07/01/2013
Service End Date: 06/30/2014
Contract Award Date: N/A
Contract Expiration Date: N/A
Shared Worksheet Number: 1513742
Number of Months Recurring Service Provided in Funding Year: 12
Annual Pre-discount Amount for Eligible Recurring Charges: \$61,200.00
Annual Pre-discount Amount for Eligible Non-recurring Charges: \$.00
Pre-discount Amount: \$61,200.00
Discount Percentage Approved by the USAC: 79%
Funding Commitment Decision: \$48,348.00 - FRN approved as submitted

EGDL Date: 04/16/2014
Wave Number: 047
Last Allowable Date for Delivery and Installation for Non-Recurring Services: 09/30/2015
Consultant Name: Teri Lawrence
Consultant Registration Number (CRN): 16071123
Consultant Employer: Teri Lawrence

FUNDING COMMITMENT REPORT
Billed Entity Name: JEFFERSON DAVIS PARISH DIST
BEN: 139257
Funding Year: 2013

Comment on RAL corrections: The applicant did not submit any RAL corrections.

FCC Form 471 Application Number: 886370
Funding Request Number: 2425544
Funding Status: Funded
Category of Service: Telecommunications Service
FCC Form 470 Application Number: 639780000594278
SPIN: 143026277
Service Provider Name: Datal Wireless
Contract Number: Datal Distance Learning
Billing Account Number: 3378241834
Multiple Billing Account Numbers: N
Service Start Date: 07/01/2013
Service End Date: N/A
Contract Award Date: 01/05/2007
Contract Expiration Date: 06/30/2015
Shared Worksheet Number: 1513742
Number of Months Recurring Service Provided in Funding Year: 12
Annual Pre-discount Amount for Eligible Recurring Charges: \$144,000.00
Annual Pre-discount Amount for Eligible Non-recurring Charges: \$.00
Pre-discount Amount: \$144,000.00
Discount Percentage Approved by the USAC: 79%
Funding Commitment Decision: \$113,760.00 - ERN approved as submitted

ECOL Date: 04/16/2014
Wave Number: 047
Last Allowable Date for Delivery and Installation for Non-Recurring Services: 09/30/2015
Consultant Name: Teri Lawrence
Consultant Registration Number (CRN): 16071123
Consultant Employer: Teri Lawrence

FUNDING COMMITMENT REPORT
Billed Entity Name: JEFFERSON DAVIS PARISH DIST
BEN: 139257
Funding Year: 2013

Comment on RAL corrections: The applicant did not submit any RAL corrections.

FCC Form 471 Application Number: 886370
Funding Request Number: 2425546
Funding Status: Funded
Category of Service: Telecommunications Service
FCC Form 470 Application Number: 720290000665051
SPIN: 143026277
Service Provider Name: Detel Wireless
Contract Number: Detel
Billing Account Number: 3378241834
Multiple Billing Account Numbers: N
Service Start Date: 07/01/2013
Service End Date: N/A
Contract Award Date: 09/17/2008
Contract Expiration Date: 06/30/2019
Shared Worksheet Number: 1513742
Number of Months Recurring Service Provided in Funding Year: 12
Annual Pre-discount Amount for Eligible Recurring Charges: \$387,396.00
Annual Pre-discount Amount for Eligible Non-recurring Charges: \$0.00
Pre discount Amount: \$387,396.00
Discount Percentage Approved by the USAC: 79%
Funding Commitment Decision: \$306,042.84 - FRN approved as submitted

FCDL Date: 04/16/2014
Wave Number: 047
Last Allowable Date for Delivery and Installation for Non-Recurring Services: 09/30/2015
Consultant Name: Teri Lawrence
Consultant Registration Number (CRN): 16071123
Consultant Employer: Teri Lawrence

FUNDING COMMITMENT REPORT
Billed Entity Name: JEFFERSON DAVIS PARISH DIST
BEN: 139257
Funding Year: 2013

Comment on RAL corrections: The applicant did not submit any RAL corrections.

FCC Form 471 Application Number: 886370
Funding Request Number: 2425547
Funding Status: Funded
Category of Service: Telecommunications Service
FCC Form 470 Application Number: 439000001095340
SPIN: 143001151
Service Provider Name: Advanced Tel., LLC.
Contract Number: T
Billing Account Number: 337-824-1834
Multiple Billing Account Numbers: N
Service Start Date: 07/01/2013
Service End Date: 06/30/2014
Contract Award Date: N/A
Contract Expiration Date: N/A
Shared Worksheet Number: 1513742
Number of Months Recurring Service Provided in Funding Year: 12
Annual Pre-discount Amount for Eligible Recurring Charges: \$9,344.64
Annual Pre-discount Amount for Eligible Non-recurring Charges: \$.00
Pre-discount Amount: \$9,344.64
Discount Percentage Approved by the USAC: 79%
Funding Commitment Decision: \$7,982.27 - FRN approved; modified by SLD
Funding Commitment Decision Explanation: The establishing FCC Form 470 Application Number was changed at the request of the applicant.

FCDL Date: 04/16/2014
Wave Number: 047
Last Allowable Date for Delivery and Installation for Non-Recurring Services: 09/30/2015
Consultant Name: Teri Lawrence
Consultant Registration Number (CRN): 16071123
Consultant Employer: Teri Lawrence

FUNDING COMMITMENT REPORT
Billed Entity Name: JEFFERSON DAVIS PARISH DIST
BEN: 139257
Funding Year: 2013

Comment on RAL corrections: The applicant did not submit any RAL corrections.

ECC Form 471 Application Number: 886370
Funding Request Number: 2425951
Funding Status: Funded
Category of Service: Internet Access
ECC Form 470 Application Number: 701420001113945
SPIN: 143027682
Service Provider Name: Blackboard Inc.
Contract Number: MTM
Billing Account Number: MTM
Multiple Billing Account Numbers: N
Service Start Date: 07/01/2013
Service End Date: 06/30/2014
Contract Award Date: N/A
Contract Expiration Date: N/A
Shared Worksheet Number: 1513742
Number of Months Recurring Service Provided in Funding Year: 12
Annual Pre-discount Amount for Eligible Recurring Charges: \$.00
Annual Pre-discount Amount for Eligible Non-recurring Charges: \$9,310.94
Pre-discount Amount: \$9,310.94
Discount Percentage Approved by the USAC: 79%
Funding Commitment Decision: \$7,355.64 - ERN approved as submitted

ECDL Date: 04/16/2014
Wave Number: 047
Last Allowable Date for Delivery and Installation for Non-Recurring Services: 09/30/2015
Consultant Name: Teri Lawrence
Consultant Registration Number (CRN): 16071123
Consultant Employer: Teri Lawrence

FCC Form 470

Form 470 Posted for FY 2013-2014

 Approval by OMB
3060-0806

Schools and Libraries Universal Service Description of Services Requested and Certification Form 470

Estimated Average Burden Hours per Response: 3 hours

This form is designed to help you describe the eligible services you seek so that this data can be posted on the Fund Administrator's Internet Site and interested service providers can identify you as a potential customer and compete to serve you.

Please read instructions before beginning this form. (You can also find online at www.usac.org/uf)

Form 470 Application Number: 638840009073700 Application Status: CERTIFIED Allowable Contract Date: 01/02/2013	Applicant's Form Identifier: Posting Date: 12/06/2012 Certification Received Date: 12/06/2012
--	---

Block 1: Applicant Address and Information

1 Name of Applicant:
JEFFERSON DAVIS PARISH DIST

2 Funding Year: 2013 (Funding years run from July 1 through the following June 30)

3 Entry Number: 130257

4a Street Address, P.O.Box, or Route Number:
203 E PLAQUEMINE ST, PO BOX 640

City: JENNING State: LA Zip Code: 70546-0000

4b Telephone Number: (337) 824-1854

4c Fax Number: (337) 824-6737

5a Eligible Entities That Will Receive Services:

Check the ONE choice in 5a that best describes the eligible entities that will receive the services described in this form. You will then list in item 1b the entity/entities that will pay the bills for these services.

☐ Individual School (individual public or non-public school)

☐ School District (LEA; public or non-public (e.g., decedent) local districts representing multiple schools)

☐ Library (including library system, library outlet/branch or library consortium as defined under LSTA)

☐ Consortium (intermediate service agencies, states, state networks, consortia of schools and/or libraries)

☐ Statewide application for (enter 2-letter state code) _____
representing (check all that apply):

☐ All public schools/districts in the state

☐ All non-public schools in the state

☐ All libraries in the state

5b Recipient(s) of Services - Check all that apply:

☐ Private ☐ Public ☐ Charter

☐ Tribal ☐ Head Start ☐ State Agency

5c Number of eligible entities for which services are sought: 17

Block 1: Applicant Address and Information (continued)

6a Contact Person's Name:
Karen R Gundry

If the Contact Person's Street Address is the same as item 4a above, check here. ☐ If not, complete item 6b.

6b Street Address, P.O.Box, or Route Number:
NOTE: USAC will use this address to mail correspondence.
1628 S Thibodeaux Road

City: JENNING State: LA Zip Code: 70546

Check the box next to your preferred mode of contact and provide your contact information. One box MUST be checked and an entry provided.

☐ 6a Telephone Number: (337) 824-4380

☐ 6d Fax Number: (337) 824-8426

☒ 6e E-Mail Address: karen.gundry@jdpsh12.org

Re-enter E-mail Address: karen.gundry@jdpsh12.org

If a consultant is assisting you with your application process, please complete item 7 below:

7 Consultant Name:
Name of Consultant's Employer:
Consultant's Street Address:
City: State: Zip Code:
Consultant's Telephone Number: Ext.:
Consultant's Fax Number:
Consultant's E-mail Address:
Re-enter E-mail Address:
Consultant Registration Number:

Entity Number: 101041 Contact Person: Karen R Giddy	Applicant's Form Identifier: Phone Number: (337) 824-6356				
Block 2: Summary Description of Needs or Services Requested					
8 Telecommunication Services <i>If you check YES to indicate you have a Request for Proposal (RFP) that specifies the services you are seeking, your RFP must be available to all interested bidders for at least 28 days. If your RFP is not available to all interested bidders, or if you check NO and you have or intend to have an RFP, you risk denial of your funding requests.</i>					
a <input type="checkbox"/> YES, I have released or intend to release an RFP for these services. It is available or will become available on the Internet at: or via (check one) <input type="checkbox"/> the contact person in Item 8 or <input type="checkbox"/> the contact person listed in Item 12 Your RFP Identifier:					
b <input type="checkbox"/> NO, I have not released and do not intend to release an RFP for these services.					
9 Internet Access <i>If you check YES to indicate you have a Request for Proposal (RFP) that specifies the services you are seeking, your RFP must be available to all interested bidders for at least 28 days. If your RFP is not available to all interested bidders, or if you check NO and you have or intend to have an RFP, you risk denial of your funding requests.</i>					
a <input type="checkbox"/> YES, I have released or intend to release an RFP for these services. It is available or will become available on the Internet at: or via (check one) <input type="checkbox"/> the contact person in Item 8 or <input type="checkbox"/> the contact person listed in Item 12 Your RFP Identifier:					
b <input type="checkbox"/> NO, I have not released and do not intend to release an RFP for these services.					
Whether you check YES or NO, you must list below the Internet Access services you seek. Specify each service (e.g., monthly Internet service) and quantity and/or capacity (e.g., for 500 users).					
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Service</th> <th style="width: 50%;">Quantity and/or Capacity</th> </tr> <tr> <td>Internet Access</td> <td>Minimum of 100Mbps</td> </tr> </table>	Service	Quantity and/or Capacity	Internet Access	Minimum of 100Mbps	
Service	Quantity and/or Capacity				
Internet Access	Minimum of 100Mbps				

Entity Number: 128287 Contact Person: Karen R Guidry	Applicant's Form Identifier: Phone Number: (337) 834-8398
10 Internet Connections Other Than Basic Maintenance If you check YES to indicate you have a Request for Proposals (RFP) that specifies the services you are seeking, your RFP must be available to all interested bidders for at least 28 days. If your RFP is not available to all interested bidders, or if you check NO and you have or intend to have an RFP, you risk denial of your funding requests.	
a <input type="checkbox"/> YES, I have released or intend to release an RFP for these services. It is available or will become available on the Internet at: or via (check one) <input type="checkbox"/> the contact person in Item 8 or <input type="checkbox"/> the contact person listed in Item 12 Your RFP identifier:	
b <input type="checkbox"/> NO, I have not released and do not intend to release an RFP for these services.	
Whether you check YES or NO, you must list below the Internet Connections services you seek. Specify each service (e.g., a router/hub and cabling) and quantity and/or capacity (e.g., connecting 1 classroom of 34 students).	
11 Basic Maintenance of Internet Connections If you check YES to indicate you have a Request for Proposals (RFP) that specifies the services you are seeking, your RFP must be available to all interested bidders for at least 28 days. If your RFP is not available to all interested bidders, or if you check NO and you have or intend to have an RFP, you risk denial of your funding requests.	
a <input type="checkbox"/> YES, I have released or intend to release an RFP for these services. It is available or will become available on the Internet at: or via (check one) <input type="checkbox"/> the contact person in Item 8 or <input type="checkbox"/> the contact person listed in Item 12 Your RFP identifier:	
b <input type="checkbox"/> NO, I have not released and do not intend to release an RFP for these services.	
Whether you check YES or NO, you must list below the Basic Maintenance services you seek. Specify each service (e.g., basic maintenance of routers) and quantity and/or capacity (e.g., for 10 routers).	

Entity Number: 139257 Contact Person: Karen R Galdry	Applicant's Form Identifier: Phone Number: (337) 834-8340
<p>12 (Optional) Please name the person on your staff or project who can provide additional technical details or answer specific questions from service providers about the services you are seeking. This person does not need to be the contact person(s) listed in Item 6 nor the Authorized Person who signs this form.</p> <p>Name: Karen Galdry</p> <p>Title: District Technology Coordinator</p> <p>Telephone Number: (337) 834 - 8380</p> <p>Fax Number: (337) 834 - 8425</p> <p>Email Address: karen.galdry@tpack12.org</p> <p>Re-enter E-mail Address: karen.galdry@tpack12.org</p>	
<p>13 <input checked="" type="checkbox"/> Check this box if there are any restrictions imposed by state or local laws or regulations on how or when service providers may contact you or an other bidding procedure. Please describe below any such restrictions or procedures and/or provide an Internet address where they are posted and a contact name and telephone number.</p> <p><input type="checkbox"/> Check this box if no state and local procurement/competitive bidding requirements apply to the procurement of services sought on this Form 470.</p> <p>If you are requesting services for a funding year for which a Form 470 cannot yet be filed online, include past information here.</p> <p>We consider multi-year contract. We consider bandwidths greater than 100 Mbps.</p>	
Block 3:	
14. (Reserved)	
Entity Number: 139257 Contact Person: Karen R Galdry	Applicant's Form Identifier: Contact Phone Number: (337) 834-8340
Block 4: Recipients of Service	
<p>15 Eligible Entities</p> <p>Let the entities that will be paying the bills directly to the provider for the services requested in this item. These are known as Eligible Entities. At least one line of this item must be completed. If a Eligible Entity cited on your Form 470 is not listed below, funding may be denied for the funding requests associated with this Form 470. Attach additional pages if needed.</p> <p>Entity Number Entity Name 139257 JEFFERSON DAVIS PARISH DIST</p>	
Entity Number: 139257 Contact Person: Karen R Galdry	Applicant's Form Identifier: Contact Phone Number: (337) 834-8340
Block 6: Certifications and Signature	
<p>16 I certify that the applicant is/are: (Check one or both.)</p> <p><input checked="" type="checkbox"/> schools under the statutory definitions of elementary and secondary schools found in the No Child Left Behind Act of 2001, 20 U.S.C. §§ 7201 (13) and (18), that do not operate as for-profit businesses, and do not have endowments exceeding \$50 million; and/or</p> <p><input type="checkbox"/> libraries or library consortia eligible for assistance from a State Library Administrative agency under the Library Services and Technology Act of 1996 that do not operate as for-profit businesses and whose budgets are completely separate from any schools (including, but not limited to elementary and secondary schools, colleges, and universities).</p>	
<p>17 <input checked="" type="checkbox"/> I certify that, if required by Commission rules, all of the individual schools and libraries receiving services under this form are covered by technology plans that do or will cover all 12 months of the funding year, and that have been or will be approved by a state or other authorized body, or an SLD-certified technology plan approver, prior to the commencement of service.</p> <p><input type="checkbox"/> Or I certify that no technology plan is required by Commission rules.</p>	
<p>18 <input checked="" type="checkbox"/> I certify that I will post my Form 470 and (if applicable) make my RFP available for at least 28 days before considering all bids received and selecting a service provider. I certify that all bids submitted will be carefully considered and the bid selected will be for the most cost-effective service or equipment offering, with price being the primary factor, and will be the most cost-effective means of meeting educational needs and technology plan goals.</p>	
<p>19 <input checked="" type="checkbox"/> I certify that I will retain required documents for a period of at least five years after the last day of service delivered. I certify that I will retain all documents necessary to demonstrate compliance with the statute and Commission rules regarding the form for, receipt of, and delivery of services reaching schools and libraries discounts. I acknowledge that I may be audited pursuant to participation in the schools and libraries program.</p>	
<p>20 <input checked="" type="checkbox"/> I certify that the services the applicant purchases at discounts provided by 47 U.S.C. § 264 will be used primarily for educational purposes and will not be sold, re-sold or transferred in consideration for money or any other thing of value, except as permitted by the Commission's rules at 47 C.F.R. §§ 54.500, 54.510. Additionally, I certify that the entity or entities listed on this form have not received anything of value or a promise of anything of value, other than services and equipment sought by means of this form, from the service provider, or any representative or agent thereof or any connected in connection with this request for services.</p>	
<p>21 <input checked="" type="checkbox"/> I acknowledge that support under this support mechanism is conditional upon the school(s) and/or library(ies) I represent securing access, separately or through this program, to all of the resources, including computers, training, software, Internet connections, maintenance, and electronic capacity necessary to use the services purchased effectively. I recognize that some of the aforementioned resources are not eligible for support. I certify that I have considered what financial resources should be available to cover these costs.</p>	
<p>22 <input checked="" type="checkbox"/> I certify that I am authorized to procure eligible services for the eligible entity(ies). I certify that I am authorized to submit this request on behalf of the eligible entity(ies) listed on this form, that I have examined this request, and to the best of my knowledge, information, and belief, all statements of fact contained herein are true.</p>	
<p>23 <input checked="" type="checkbox"/> I certify that I have reviewed all applicable FCC, state, and local procurement/competitive bidding requirements and that I have complied with them. I acknowledge that persons willfully making false statements on this form can be punished by fine or forfeiture, under the Communications Act, 47 U.S.C. §§ 502, 503(a), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.</p>	
<p>24 <input checked="" type="checkbox"/> I acknowledge that FCC rules provide that persons who have been convicted of criminal violations or held civilly liable for certain acts arising from their participation in the schools and libraries support mechanism are subject to suspension and disbarment from the program.</p>	
Entity Number: 139257 Contact Person: Karen R Galdry	Applicant's Form Identifier: Contact Phone Number: (337) 834-8340
25 Signature of authorized person: <input checked="" type="checkbox"/>	26 Date: 12/09/2012
27a Printed name of authorized person: Karen Galdry	
27b Title or position of authorized person:	

District Technology Coordinator

☐ Check here if the consultant in item 7 is the Authorized Person.

27c Street Address, P.O. Box, Route Number, City, State, Zip Code:

PO Box 840

City: Jennings

State: LA

Zip Code: 70348

27d Telephone Number of Authorized Person:

(337) 834-8360

27e Fax Number of Authorized Person:

(337) 834-8425

27f E-mail Address of Authorized Person:

karen.gidry@jpsd12.org

Re-enter E-mail Address:

karen.gidry@jpsd12.org

27g Name of Authorized Person's Employer:

Jefferson Davis Parish School Board

Service provider involvement with preparation or completion of a Form 470
can limit the competitive bidding process and result in the denial of funding requests.
For more information, refer to the Schools and Libraries area of the USAC web site at
www.usac.org/ or call the SLD Client Service Bureau at 1-800-203-8100.

Entity Number: 138257	Applicant's Firm Identifier:
Contact Person: Karen R Giddy	Phone Number: (337) 534-5355

NOTICE: In accordance with Section 54.504 of the Federal Communications Commission's rules, certain schools and libraries ordering services that are eligible for and seeking universal service discounts must file this Description of Services Requested and Certification Form (FCC Form 470) with the Universal Service Administrator, 47 C.F.R. § 54.504 (d). The collection of information stems from the Commission's authority under Section 254 of the Communications Act of 1934, as amended, 47 U.S.C. § 254. The data in the report will be used to ensure that schools and libraries comply with the competitive bidding requirements contained in 47 C.F.R. § 54.564. Schools and libraries must file this form themselves or as part of a consortium.

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

The FCC is authorized under the Communications Act of 1934, as amended, to collect the information we request in this form. We will use the information you provide to determine whether approving this application is in the public interest. If we believe there may be a violation or a potential violation of any applicable statute, regulation, rule or order, your application may be referred to the Federal, state, or local agency responsible for investigating, prosecuting, enforcing, or implementing the statute, rule, regulation or order. In certain cases, the information in your application may be disclosed to the Department of Justice or a court or adjudicative body when (a) the FCC; or (b) any employee of the FCC; or (c) the United States Government is a party of a proceeding before the body or has an interest in the proceeding. In addition, information provided in or submitted with this form or in response to subsequent inquiries may also be subject to disclosure consistent with the Communications Act of 1934, FCC regulations, the Freedom of Information Act, 5 U.S.C. § 552, or other applicable law.

If you owe a past due debt to the federal government, the information you provide may also be disclosed to the Department of the Treasury Financial Management Service, other Federal agencies and/or your employer to offset your salary, IRS tax refund or other payments to collect that debt. The FCC may also provide the information to those agencies through the matching of computer records when authorized.

If you do not provide the information we request on the form, the FCC may delay processing of your application or may return your form without action.

The foregoing Notice is required by the Paperwork Reduction Act of 1995, Pub. L. No. 104-13, 44 U.S.C. § 3501, et seq.

Public reporting burden for this collection of information is estimated to average 3 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, completing, and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the reporting burden to the Federal Communications Commission, Performance Evaluation and Records Management, Washington, DC 20554.

Please submit this form to:

SLD Form 470
P.O. Box 1826
Lawrence, Kansas 66044-7026
1-888-303-8180

For express delivery services or U.S. Postal Service, Return Receipt Requested, mail this form to:

SLD Form
ATTN: SLD Form 470
3633 Greenway Drive
Lawrence, Kansas 66044
1-888-303-8180

FCC Form 470
October 2013

[New Search](#)

[Return To Search Results](#)

Funding year 2013-2014

/O=EX2/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=

From: GOLDSMITH, JOEY D <jg3543@att.com>
Sent: Thursday, January 17, 2013 2:40 PM
To: TeriL@eratesupport.org
Cc: karen.guidry@jdpbkb12.org; ALLEN, G. MARK
Subject: RE: Bid request Jefferson Davis Parish response to 470: 534840001073700
Attachments: MIS brochure.pdf

Hi Ms Teri and Ms Karen

Please see below for pricing for EaMIS

State contract pricing, with add-on options:

Bandwidth Subscription			Managed Router			Managed Firewall/Security Services		
Download	Non-Recurring Initial Install	Recurring Monthly		Non-Recurring Initial Install	Recurring Monthly		Non-Recurring Initial Install	Recurring Monthly
100 Mbps Ethernet	\$1,500.00	\$2,472.75		\$0.00	\$129.80		\$0.00	\$1,032.00
250 Mbps	\$1,500.00	\$5,446.65		\$0.00	\$198.55		\$0.00	\$1,640.00
500 Mbps	\$1,500.00	\$7,593.65		\$0.00	\$198.55		\$0.00	\$1,640.00
1 Gig	\$1,500.00	\$11,757.50		\$0.00	\$336.05		\$0.00	\$2,350.00

Here is another option, you may choose. Our Erate 36 month contract pricing is as follows:

There are no install charges on the 36 month contract option

ATT Managed Router

100Mb	\$1,876.40
250Mb	\$4,105.60
500Mb	\$6,721.60
1G	\$13,043.50

Customer Managed Router

100MB	\$1,782.00
250Mb	\$4,061.20
500Mb	\$6,577.20
1Gb	\$12,799.10

We currently do not have 10G pricing on state contract, but if you would like for me to go through the ICB process to acquire pricing for 10G of internet, I can start the ball rolling in that direction.

Ms Karen

Please let me know if you have any questions/concerns regarding this.

Take care!

AT&T and I do appreciate your business!

Joey D. Goldsmith
Universal Account Manager
AT&T Government/Education
337-303-7467
877-303-8640 toll free
866-381-3251 fax
joey.goldsmith@att.com

From: TeriL@eratesupport.org [mailto:TeriL@eratesupport.org]
Sent: Wednesday, January 16, 2013 4:36 PM
To: GOLDSMITH, JOEY D
Subject: Bid request

Joey,

Please review the attached bid request. Let me know if you have any questions.

Thank you,

Teri Lawrence, E-Rate Consultant
Educational Professional Services
P. O. Box 728
Pine Grove, La. 70453
225-777-6000 Office
225-931-6032 Cell
TeriL@eratesupport.org

AT&T Managed Internet Service

Your business uses the Internet for many critical operations – electronic commerce, e-mail, remote access productivity and much more. With AT&T Managed Internet Service, you get high speed, dedicated internet access with the features you need to stay connected to your customers, business partners and employees. AT&T Managed Internet Service is no ordinary internet connection. You get, reliability you can count on, optimal performance, scalability and business security features from one of the world's leading service providers.

High Speed Internet Access and Options That Fit Your Business

AT&T Managed Internet Service provides a dedicated internet connection, with extensive reach throughout the United States (including Puerto Rico and U.S. Virgin Islands) for your business 24 hours a day. You can select our completely AT&T – Managed Solution – or choose to manage components of your Internet access solution yourself by providing your own equipment. Either way, we proactively monitor your Internet access around the clock and provide enhanced features to help protect your critical business applications.

With AT&T Managed Internet Service you get flexibility with a wide range of fast symmetrical access speeds, access methods and options to choose from:

- Access Speeds: T1 – 10 Gbps*
- Access Types: Ethernet and Private Line
- Service Components: Customer Premises Equipment (router, modem and CSU/DSU), Hardware Management, Monitoring and Maintenance, Primary and Secondary IP Addresses, Packet Filtering, Usage Reports, Local Access, Electronic Servicing Capabilities
- Options: Business Voice Applications, Usage-Based Billing, Class of Service, Security Solutions, Managed Redundancy Options

End-to-End Management As You Need It

More than just an Internet connection, AT&T Managed Internet Service is your complete solution combining reliable access, guaranteed provisioning and 24x7x365 technical support. You gain the quality and performance you need to conduct business over the Internet with confidence.

AT&T Managed Internet Service gives you convenience, responsiveness and options for your rapidly growing internet use. You can take advantage of managed, high speed, end-to-end internet connectivity, with peace of mind knowing AT&T is there with proactive monitoring and technical assistance. You will feel comfortable knowing you made the right choice for your Internet needs.

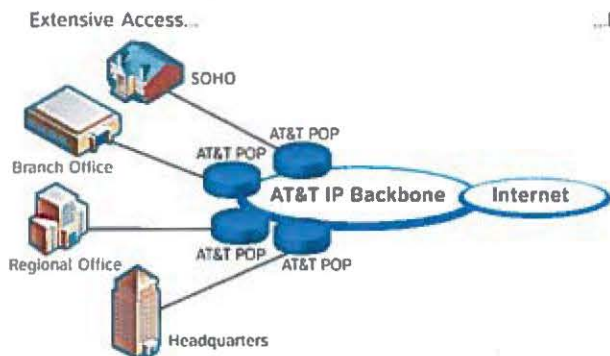
Benefits

- Your connection to the internet is dedicated, not shared with other businesses
- Reliability you can count on backed by industry-leading Service Level Agreements that provide service availability of 100%, data delivery of 99.95%, and network latency of 37ms
- 24x7x365 technical support and proactive monitoring assure continuous end-to-end availability of your dedicated internet access connection
- AT&T MIS enables you to optimize your business profitability with a wide range of access speeds, billing arrangements and bundled options like VoIP and Managed Security Services

Features

- Access Speeds from 1.5 Mbps - 10 Gbps*
- Access Types including Ethernet and Private Line
- Equipment Options: AT&T Provided and Managed Equipment (router, modem and CSU/DSU) or Customer Provided
- Extensive reach in the United States including Puerto Rico and U.S. Virgin Islands
- E-Servicing – BusinessDirect® portal access to customer care website, e-bill, e-maintenance, usage reporting and e-servicing tools
- Optional security management including firewall and better protection against Internet viruses and attacks
- IPv6 ready

*Some speeds may not be available in all areas.



...From An Innovative Service Provider

- Fast, Symmetrical Connection
- Guaranteed Provisioning
- 24x7x365 Technical Support
- 40Gb National IP Backbone
- Highly Redundant Network Switches and Nodes for unparalleled reliability

For more information contact an AT&T Representative or visit www.att.com/business.

ADDENDUM 1.3 TO INTERNET ACCESS AGREEMENT

THIS ADDENDUM 1.3 TO INTERNET ACCESS AGREEMENT (this "Addendum") is entered into between DETEL WIRELESS, LLC ("Detel"), and JEFFERSON DAVIS PARISH SCHOOL BOARD ("Customer").

BACKGROUND

The parties hereto desire to amend and supplement that certain Internet Access Agreement ("Agreement") dated January 24, 2006, and Addendums dated October 25, 2006, December 19, 2007, and February 18, 2011 between Detel and Customer, an executed copy of which is attached hereto, capitalized terms used herein and defined in the Agreement shall have the meaning ascribed to such terms in this Agreement.

AGREEMENT

In consideration of the foregoing, and other good and valuable consideration, the parties hereto hereby agree that the Agreement is hereby amended and superseded as follows:

1. Detel and Customer hereby agree to change "Section 2: Fees and Payment" to "will charge customer a monthly fee of \$10,999.00 for 500 Mbps Internet Services. This addendum is effective July 1, 2013.
2. Except as amended and modified by this Addendum, the agreement shall remain in full force and effect. To the extent that the terms of this Addendum conflict with or are inconsistent with the Agreement, the Addendum shall control.

IN WITNESS WHEREOF, the parties have executed this Addendum as of the ____ day of _____, 2013.

JEFFERSON DAVIS PARISH SCHOOL BOARD

By: _____

Name: _____

Title: _____

DETEL WIRELESS, LLC

By: _____

Name: Daryl A Deshotel

Title: CEO

Project or Service
Description

Increasing Bandwidth for Internet connectivity

Vendor Scoring (use additional worksheets if necessary)

Selection Criteria	Weight*	Datal		Lanet		Stryder		Nexus System		Vendor # 5	
		Raw Score**	Weighted Score***	Raw Score	Weighted Score	Raw Score	Weighted Score	Raw Score	Weighted Score	Raw Score	Weighted Score
Prices/Charges	40%	4	35	5	40	5	40	3	30		
Bandwidth provided	30%	5	30	4	25	5	30	4	25		
Prior Experience	20%	5	20	4	15	1	0	0	0		
Personnel Qualifications											
Financial Stability											
Installation Cost ineligible	10%	5			0						
Other (describe)											
Overall Ranking		100%	85%	80%		70%		55%			

Vendor Selected:

Approved By:

Title:

Date:

Bid Assessment Comments, if needed.

Notes:

* Percentage weights must add up to 100%. Price must be weighted the heaviest.

** Evaluated on a scale of 1 to 5. 1=worst, 5=best

*** Weight x Raw Score

Helen Atchison

From: "Mlazzo, Shane" <Shane.Mlazzo@BellSouth.com>
To: <dvinney1@yahoo.com>; <hatchison@jeffersondavis.k12.la.us>
Cc: "Schexnider, Harvey" <Harvey.Schexnider@bellsouth.com>
Sent: Tuesday, May 10, 2005 3:05 PM
Attach: Jeff Davis School Board DIA Proposal.pdf
Subject: Dedicated Internet Access Proposal

Dwayne and Helen,

I have attached the proposal. The total cost per month for 3 Megs of dedicated Internet access is \$1895. Please note that this price waives installation charges. Since you have fiber already at your facility, we should be okay on our fiber runs. That said, it is possible that during the provisioning phase of the installation, additional fiber facilities will need to be installed which may require additional cost. While I do not foresee that happening at this point, it is a possibility. The contract allows you to cancel the order should additional facility considerations be necessary that we do not foresee at this time. Clearly, I recommend moving forward given that information.

Again, this is an excellent promotion we have. Not only does this waive your installation charges, and not only does the proposal give you 3 Megs of internet bandwidth, but the solution allows you to increase your bandwidth up to 45 Megs. Hence, should 3 Megs not be enough, you can simply order additional bandwidth with no need for additional facilities up to 45 Megs. Given your growing Internet usage and needs, I believe this is the best solution for the school board.

Thank you.

Shane Mlazzo
BELLSOUTH Business Services
 Sales Executive
 Ph: 337-262-6013
 E-Page: smlazzo@imcingular.com
 E-mail: shane.mlazzo@bellsouth.com
 Fax: 337-262-6025
 Toll Free: 800-872-9603 Ext. 7744

<<Jeff Davis School Board DIA Proposal.pdf>>

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5/10/2005

YAHOO! MAIL

Print - Close Window

Subject: Quote

Date: Wed, 5 Oct 2005 15:13:59 -0500

From: "Milazzo, Shane" <Shane.Milazzo@BellSouth.com>

To: "Dwayne Viney" <dviney1@yahoo.com>

CC: "Schexnider, Harvey" <Harvey.Schexnider@bellsouth.com>

Bell South Proposal - 11/29/05

Dwayne,

As per our conversation this afternoon, in order to upgrade the host to 33 Megs and then create the 4.5 Meg PVC from BellSouth to LaNet, the cost for the BellSouth services (as per state contract) is going to be \$3,548 monthly. Please contact myself or Harvey Schexnider should you have any further questions.

Thanks!

Shane Milazzo
 BELLSOUTH Business Services
 Sales Executive
 Ph: 337-262-6013
 i-Page: smilazzo@imcingular.com
 E-mail: shane.milazzo@bellsouth.com
 Fax: 337-262-6025
 Toll Free: 800-872-9603 Ext. 7744

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LANET - \$1750.00 month
Bell South - \$3548.00 month
\$5298.00 month

\$63,576 a year until E RATE

<u>ONE TIME INSTALL</u>	
600.00	LANET
672.60	Bell South
<u>1272.60</u>	



Detel Wireless, LLC, Proposal to
Jefferson Davis Parish School District

For

Internet Access

And

Wide Area Connectivity

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Section A. Cover Letter/Executive Summary



January 5, 2006

Helen Atchison
Jefferson Davis Parish School District
1628 S. Thibodeaux Road
Jennings, LA 70546

Dear Mrs. Atchison:

On behalf of Detel Wireless, LLC, I am happy to present to you our proposal to Jefferson Davis Parish School District for Wide Area Connectivity and Internet Access.

Detel Wireless, LLC, and its parent company Detel Computer Solutions, LLC, are dedicated to providing school districts, like the Jefferson Davis Parish School System, the best service available at the best price that we can afford to offer. Customer service has been our cornerstone since inception, and we hope to bring this same level of commitment to Jefferson Davis School District.

So on behalf of everyone at Detel, please accept this proposal. We look forward to working with you in the future and to a long and lasting relationship.

Sincerely,

Brad Deglandon
Detel Wireless, LLC

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Executive Summary

Detel Wireless, LLC, is honored to provide this proposal. It is Detel's desire become the leading provider of Wide Area Connectivity and Internet Access in the state of Louisiana, with a particular interest in the K-12 education market.

Detel is proposing a wireless, wide area network connectivity solution with 23 Mbps of bandwidth to each school and with 90 Mbps of bandwidth to the school board. Detel is also proposing T-1 based landline or DS-3 based wireless internet access solutions with speeds of 1.5 – 45 Mbps. Multiple pricing proposals are being submitted for consideration, each covering different contract terms, bandwidth options and bundled services.

Detel Wireless provides safe, secure, reliable and very fast wireless networks for a very competitive price. We do not promise to be the cheapest, but we do promise to provide a working network that incorporates the highest quality equipment and design. Further, we can provide this in a very cost effective manner using federal funding from USAC.

Detel has two certified Broadband Wireless Access Experts and One Certified Wireless Network Administrator (CWNA). These are vendor neutral WLAN training and certifications created by leading industry experts. We are Louisiana's only home-based company with the expertise and knowledge to install your wireless network to ensure maximum benefit at the lowest possible cost. We have learned from our experiences; do not let others learn from their experiences on your job!

Finally, we want you to know that Detel has a reputation of honesty, integrity and trust throughout the entire state. Combine this with our experience and knowledge and we are simply the best choice for your wireless solution. Further, we are known for going beyond the call of duty - we give you more than what you contracted for - nothing LESS!

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Section B. Table of Contents

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Section C. Company Overview and Qualifications

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3 Company Overview and Qualifications

3.1 Company Overview

As stated Section 3.1.1, Detel Wireless is a CLEC and a Tier 2 ISP specializing in Wireless WANs. In addition to the typical ISP services, Detel also provides customers with other features, such as E-mail and Website Hosting, E-mail Set-up, Web-site design, Content Filtering, unique bandwidth usage reports and firewall services.

Incorporated in Nov. of 2002, Detel Wireless, a subsidiary of Detel Computer Services, LLC, opened its doors with just one client and a lot of determination to succeed. After a little over a year in operation, the company now offers services in four parishes throughout the state and has contracts worth just over \$2.4 million in revenues. In addition, Detel Wireless has aggressively laid the groundwork to acquire several more contracts in the next six to eight months. The company will soon be providing services in nine or more parishes within the next year, with contracts representing over \$6 million in revenues.

Though we could boast about our customer satisfaction, we prefer to allow our customers to speak for themselves. We have provided a list of three customers who have all agreed to answer any questions our potential customers may have about our services. They will be able to address not only their satisfaction with our products; they can also address our courtesy, professionalism and our commitment to customer service.

3.1.1 References

Below, is a table listing references of existing Detel Wireless customers. Each has agreed to answer any questions our potential customers may have about our services, and we encourage anyone interested to give them a call.

<i>School District</i>	<i>Contact</i>	<i>Address</i>	<i>Phone</i>
Acadia PSB	Mary Robbins	2402 N Parkerson Ave Crowley, LA 70526	337-783-3664 ext 276
Iberia PSB	Dianne Leblanc	1500 Jane Street New Iberia, La 70560	337-364-7641
Lafayette PSB	Donna Denny	113 Chaplin Drive Lafayette, La 70508	337-236-6825

Detel Wireless is also pleased to include a copy of a letter of recommendation that can be found in Attachment A.

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3.2 Vendor Qualifications

3.2.1 Carrier Qualifications

Currently, the primary business of Detel Wireless, LLC, is providing data networks and internet access. In the future, Detel intends to start offering voice services in addition to the existing data offerings. Detel Wireless, LLC, is a licensed Competitive Local Exchange Carrier (CLEC) and a Tier 2 Internet Service Provider (ISP) currently under contract with the Tier 1 ISP UUNet.

3.2.2 SLD Qualifications

Detel Wireless is registered with Schools and Libraries Division (SLD), and the SPIN for Detel Wireless, LLC, is 143026277.

3.2.3 Federal Communications Commission (FCC) and State of Louisiana Public Service Commission (PSC) Qualifications

Detel Wireless is registered with both the FCC and the PSC in the State of Louisiana.

3.2.4 Staff Locations and Availability

Detel Wireless maintains its headquarters in Baton Rouge, LA, and maintains two offices in the following locations:

10434 Plaza Americana Baton Rouge, LA 70816	2028 Hwy 115 Hessmer, LA 70811
--	-----------------------------------

Detel Wireless maintains a 24x7 network monitoring facility that will be able to identify issues as soon as they arise. A large amount of troubleshooting and fault isolation can be done remotely. When needed, there will be a field technician will also be on call 24x7.

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Section D. Technical Proposal

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4 Technical Proposal

4.1 Internet Connectivity

4.1.1 Bandwidth

Detel Wireless is proposing a wide range of bandwidth options to school systems around the state. Detel's internet access facilities are either landline for the T1 or wireless point-to-point DS3 links. The bandwidth options range from 1.544 Mbps (T1) to 45 Mbps (full DS3). Pricing is being provided to Jefferson Davis Parish School District for 1.5, 3, 6, 9, 15 and 45 Mbps.

4.1.2 Reporting

As part of Detel Wireless's internet service offering, customers can receive monthly reports at no additional cost. These reports are generated by a network traffic manager, and can supply information for all of the common network service metrics.

In addition to providing common network metrics, Detel can offer Advanced Internet Site reporting that provides details on which sites are hit most often, information concerning hits on specific web sites, which computers generated the most traffic, and many other details that might be of interest to network administrators as well as other offices within school districts.

4.2 Network Connectivity Between Schools (WAN)

4.2.1 Bandwidth

Using existing technology, Detel Wireless is proposing a wireless solution broadcasting 23 Mbps to all schools and 90 Mbps to the School Board. The price provided covers the one time installation fee and all the network components to achieve 23 Mbps of bandwidth.

4.2.2 Schools Subnets

Existing subnets in schools are not affected by the introduction of the Wireless WAN.

4.2.3 Reliability and Availability

To provide information on reliability and availability for wireless transmissions, one must address both the reliability of the hardware, as is the case in a carrier network and the propagation reliability of the microwave link.

The equipment used to provide Detel Wireless's service is the best in the business and is carrier grade. As to the propagation reliability, please see Attachments B and C at the end of this document. These are an example from Iberia Parish of a Microwave Path Profile Analysis of the two furthest schools from the tower, thus signifying that all other locations can expect this level of reliability or better. For each of these locations, a Microwave Link Analysis is also attached further proving the reliability and the expected

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Uptime in Seconds. In the bottom portion of the Link Analysis, the documents show that the expected outage time is 24.06 seconds per year and the propagation reliability is better than six nines (99.9999%).

4.2.4 Network Diagram

Network diagram(s) can be made available upon request, and/or will be provided if the contract is awarded.

4.2.5 Network Security

Wireless communications devices provide considerable flexibility by sending signals over airwaves instead of over wires or fiber. It is true, however, that sending signals over airwaves creates an opportunity for new security risks for data interception. The following information examines five methods employed to ensure highly secure wireless communications.

Unlike a Wireless LAN like 802.11b or 802.11a where the standard is "open," Detel uses a proprietary communications signaling and data-link protocol. Even if someone had a similar base station unit or subscriber unit, it would be almost impossible to intercept or spoof the wireless data streams.

The proprietary signaling scheme pseudo-randomly scrambles the transmissions with one of over 500,000 scrambling sequences, thus increasing the difficulty of intercepting a transmission. Using another Subscriber Unit, it would take more than one year to search through all scrambling codes.

The Base Station Unit maintains a user-configurable and password controlled table of authorized subscriber unit MAC addresses. Subscriber units cannot talk to the network unless the Base Station Unit authenticates its MAC address and "adds" it to the network.

The Subscriber Units can be configured to filter the downlink traffic stream to prevent a Subscriber Unit from outputting traffic that is destined to another Subscriber Unit. The filtering restrictions may be based upon Ethernet addresses, VLAN addresses, or IP addresses. Only the network operator can configure the filtering controls. This prevents unauthorized access of another user's data.

Base Station Units measure the distance of the connection to each Subscriber Unit. If one of the Subscriber Units is physically moved to another location, the Base Station Unit will detect that the distance is different and will signal an alarm to the network administrator. This protects against someone stealing a Subscriber Unit and using its valid MAC address to enter the network. Subscriber Units will not listen to a Base Station Unit unless they are "added" to the network via the Base Station Unit.

Using these five techniques, which provide protection at the physical, network and application layers of the network, Detel Wireless is able to provide both a highly secure and robust system to keep out wireless eavesdropping and malicious user attacks.

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Detel also uses the Advanced Encryption Standard (AES) for an added level of security. For further info on the AES standard of encryption that is used see the development website: <http://csrc.nist.gov/CryptoToolkit/aes/round2/aesfact.html>

4.2.6 Network Monitoring

Detel Wireless is very proactive when it comes to network monitoring. Detel utilizes the WhatsUp Gold network monitoring software package. WhatsUp Gold is a web-enabled monitoring program that provides detailed information about the network. For more information on WhatsUp Gold, please see the brochure found in Attachment D at the end of this document and/or visit the WhatsUp Gold website at: <http://www.whatsupgold.com/Products/WhatsUp/index.html>.

Normal network monitoring is included in the monthly recurring cost of the service. For additional monitoring capabilities, such as monthly reports showing bandwidth used at each location and Internet bandwidth utilization, Detel can offer a bundled service that can provide monthly statistics for each of the 22 individual locations. This pricing has been included in Section 7.0.

Existing reporting procedures were put into practice to allow network administrators to determine when additional bandwidth is required. Given the amount of bandwidth being proposed, this level of statistics reporting may not be required for years to come.

4.3 Quality of Service and Scalability

Detel is proposing a point-to-point solution for internet access connectivity. The first option is using a T1. The remaining options are using wireless DS-3 facilities to provide the bandwidth. Regardless of the proposed wireless bandwidth option selected, the solution is capable of being expanded up to 45 Mbps without additional equipment or even on-site visits.

For web surfing and email, quality of service (QoS) is not a concern, so if someone is patient enough, they could still use slow dialup connections. However, when a data network also carries voice and video traffic, QoS can become a huge issue. Without quality of service, voice calls or video conferences can become full of jitter or in the worse case dropped.

Since this is an IP solution and essentially an Ethernet solution, the same limitations on quality of service exist as on a Local Area Network (LAN). The current Internet Protocol standard (IPv4) does not have any provisions for distinguishing packet payload or traffic types (e.g. voice, video, email, etc), and therefore cannot assign priority to the different classes of service. As IPv6 becomes more readily available, this problem should be solved. Currently, the two ways to handle this concern are to either utilize an alternate transport protocol (e.g. Frame Relay or ATM) that can distinguish between classes of service or to increase the amount of bandwidth in the network to such an extent as to reduce the amount of congestion and collisions. In this proposal, the latter option is addressed.

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Detel is proposing to install full DS3 facilities to provide transport to and from Detel's network backbone. All internet traffic is then throttled down to the subscribed internet access bandwidth before reaching the internet. Since the internet currently cannot offer QoS or even guarantee response times, neither Detel nor any other carrier can ensure QoS across the web.

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Section E. Installation

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5 Installation

5.1 Installation Process

Wireless projects are broken down into four phases. A project manager is assigned to each project at the beginning and stays with the project throughout the completion of the four phases. The pending project manager for this project is Daryl Deshotel. The project manager oversees all four phases of the project and appoints a superintendent or foreman to each phase that reports directly back to him. All other personnel in the project report to the foreman or superintendent of that phase of the project. Brief overviews of the four phases are as follows:

Phase One: Pre-Installation Planning and Engineering

The first phase begins soon after a contract has been signed. The pending Phase One superintendent is Kevin Braunsdorf. It is his job to ensure that all planning and engineering is complete and accurate.

The first order of business is to determine the exact physical location for every site and to determine the exact radio position for each of these sites. Both the physical Location (latitude, longitude and altitude) and the Microwave position (azimuth & elevation) are engineered, documented and logged into a customized wireless engineering program. Also during this phase, we perform spectrum analysis, link budgets and other testing that allow us to provide the best possible value for the customer. Other engineering, such as the location of all cabling, switches and outdoor enclosures, are also determined and documented in this phase including the need for electricity and permits depending on the site location. At this point, we develop timelines for installation and ordering, procurement schedules and start the contracting process for any sub-contractors that may be needed, as well as, start ordering equipment that have longer lead times. After the above has been completed, LA One Call is called out to locations that require digging to ensure that everything is done properly. At this point, the permitting process is started for the locations that require permits or permissions.

Upon completion of this phase, all plans and documentation specifically engineered for this project will be presented to the District. This phase should be completed prior to receiving Erate approval, so that Phase Two can commence immediately.

Phase Two: Construction

The second phase of the project entails the actual physical placement and installation of all required equipment according to the plans engineered in Phase One. Two supervisors are required for this phase. The first supervisor is the Construction Foreman, B.J. Franks, who oversees the placement of poles, antennas, mounting structures, etc. including the alignment and grounding of all antennas, base units and subscribers radio's. This Foreman also oversees the placement and installation of all outdoor and indoor enclosures. The second supervisor is the Wiring Crew Supervisor, Cody Rico, who

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oversees all wiring crews and ensures all wiring is in compliance with the specifications of the wire, equipment and standards. He also oversees the installation and termination of all wiring, equipment, and test equipment for connectivity (testing for traffic levels are performed in Phase Three). At the end of Phase Two, all equipment has been installed, grounded and tested for connectivity.

Phase Three: Testing

A wireless engineer is assigned to test every link in the system including the simulation of one and half times the expected network traffic. This phase confirms that the engineered link budgets and loss calculations, etc. calculated in Phase One were correct. If not, the appropriate adjustments and tweaking are performed until the planned results are achieved. Additional simulations (again at overloaded levels) and testing are performed to ensure that network is fully functional and the network is 99.999% stable. At the completion of Phase Three, the network is ready to be "turned up".

Phase Four: Final Implementation and Completion

In Phase Four, to ensure minimum downtime, all supervisors and the project manager are present to ensure a smooth transition. On the agreed upon "turn-up" date, one school at a time is turned up until all schools are completed. Average downtime per school is 12 minutes. After all schools are turned up and operational, the network is transferred to Yellow Status (techs on site all day). After three consecutive days of high performance, the network is promoted to Green Status ("all systems geaux") with pro-active monitoring and 24 X 7 technical support.

5.2 Installation Plan

A detailed installation plan shall be presented upon bid award.

5.3 Facility Coordination

Facility installations will be coordinated with the designated School Board representative(s).

5.4 Liability

Detel Wireless is fully liable for the actions of its employees, partners, etc and shall fully indemnify and hold harmless the school district from suits, actions, damages, and costs of every name and description relating to personal injury and damage to real or personal tangible property caused by the Detel Wireless, its employees, partners, etc. during the installation process.

Copies of Detel Wireless's Certificate of Insurance showing Liability and Workman's Compensation Coverage are available upon request.

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Section F. Terms, Maintenance, and Support

6 Terms, Maintenance, and Support

6.1 Contract Terms

Entrance into any formal agreement/contract is dependent on School Board approval, e-rate funding, and appropriation of funds by the district.

Pricing has been submitted in Section 7 for 3- and 5-year terms. Any terms less than three years would be cost prohibited due to the large amount of capital expenditure required to set up the network.

6.2 Maintenance

Detel Wireless is very proactive when it comes to network monitoring. Often our technicians will know that there is a problem before the customer knows that they have the problem. Detel utilizes the WhatsUp Gold network monitoring software package. WhatsUp Gold is a web-enabled monitoring program that provides detailed information about the network. One method used is by SNMP traps, and every piece of equipment on the Detel network is be SNMP manageable down to the UPS. The UPSs even have environment monitoring.

With our 24x7 technical support, most problems that arise can be diagnosed and repaired remotely and in an expeditious manner. Diagnostic procedures are usually begun within the hour. If the problem cannot be repaired remotely, a technician will be dispatched immediately. Our standard is a 4-hour response time.

The district will be given prior notice if the network needs to be taken down for repair or maintenance, and the work will be done either before or after hours.

6.3 Support

Detel Wireless currently has a large technical staff that may be called upon in time of need, and will be growing the staff over the next several years as more businesses and school systems move to our wireless WANs and/or Internet Access. For the sake of this document, the individuals listed will be the primary staff who will be responsible for day-to-day activities.

<i>Name</i>	<i>Years of Experience</i>
<i>Daryl Deshotel</i>	<i>9</i>
<i>Kevin Braunsdorf</i>	<i>8</i>
<i>Travis Franks</i>	<i>7</i>
<i>Josh Roy</i>	<i>4</i>
<i>Bobby Mink</i>	<i>6</i>

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Section G. Proposals

7 Proposals

7.1 Billing

Detel Wireless will to comply with Universal Service rules and bill the SLD and the school board separately for the proper proportions on each invoice when the service begins.

7.2 Pricing

Detel is pleased to offer the following proposals. In addition to standard services, Detel is presenting optional bundled services. The proposals provide pricing for every combination that you may consider. For more detail about the bundled services, please refer to Section 8 Innovative Concepts.

Please see the following pages for the different solutions and pricing proposals.

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WAN Proposal 1

Standard installation charges.

Company: Detel Wireless, LLC

Contract Term: 3 Years

Location	Bandwidth Proposed	One-Time Installation	Monthly Recurring	Your Installation Cost*	Your Recurring Cost*
Jefferson Davis Parish School Board	90 Mbps	\$2,799.00	\$799.00	\$671.76	\$191.76
Per 17 Remaining Locations	23 Mbps	\$2,799.00	\$799.00	\$671.76	\$191.76
Total for 18 Locations		\$50,382.00	\$14,382.00	\$12,091.68	\$3,451.68

WAN Proposal 2 ✓

Standard installation charges.

Company: Detel Wireless, LLC

Contract Term: 5 Years

Location	Bandwidth Proposed	One-Time Installation	Monthly Recurring	Your Installation Cost*	Your Recurring Cost*
Jefferson Davis Parish School Board	90 Mbps	\$2,799.00	\$699.00	\$671.76	\$167.76
Per 17 Remaining Locations	23 Mbps	\$2,799.00	\$699.00	\$671.76	\$167.76
Total for 18 Locations		\$50,382.00	\$12,582.00	\$12,091.68	\$3,019.68

* Your cost is based on Year Seven (2004-2005) E-rate funding at 76%.

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Internet Access Proposal 1

Standard Internet Service

Company: Detel Wireless, LLC

Contract Term: 3 Years

Location	Bandwidth Proposed	One-Time Installation	Monthly Recurring	Your Installation Cost*	Your Recurring Cost*
Central Office – (NOC)	T1 1.5 Mbps	\$2,799.00	\$999.00	\$671.76	\$239.76
Central Office – (NOC)	DS3 3 Mbps	\$2,799.00	\$2,499.00	\$671.76	\$599.76
Central Office – (NOC)	DS3 6 Mbps	\$2,799.00	\$2,999.00	\$671.76	\$719.76
Central Office – (NOC)	DS3 9 Mbps	\$2,799.00	\$3,700.00	\$671.76	\$888.00
Central Office – (NOC)	DS3 15 Mbps	\$2,799.00	\$5,100.00	\$671.76	\$1,224.00
Central Office – (NOC)	DS3 45 Mbps	\$2,799.00	\$10,999.00	\$671.76	\$2,639.76

Internet Access Proposal 2

Standard Internet Service

Company: Detel Wireless, LLC

Contract Term: 5 Years

Location	Bandwidth Proposed	One-Time Installation	Monthly Recurring	Your Installation Cost*	Your Recurring Cost*
Central Office – (NOC)	T1 1.5 Mbps	\$0.00	\$999.00	\$0.00	\$239.76
Central Office – (NOC)	DS3 3 Mbps	\$0.00	\$2,499.00	\$0.00	\$599.76
Central Office – (NOC)	DS3 6 Mbps	\$0.00	\$2,999.00	\$0.00	\$719.76
Central Office – (NOC)	DS3 9 Mbps	\$0.00	\$3,700.00	\$0.00	\$888.00
Central Office – (NOC)	DS3 15 Mbps	\$0.00	\$5,100.00	\$0.00	\$1,224.00
Central Office – (NOC)	DS3 45 Mbps	\$0.00	\$10,999.00	\$0.00	\$2,639.76

* Your cost is based on Year Seven (2004-2005) E-rate funding at 76%.

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Section H. Innovative Concepts/Supporting Documentation

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8 Innovative Concepts

Detel Wireless, LLC, would like to address some of the innovative concepts that this proposal and this company have to offer.

8.1 State-wide Connectivity

A unique aspect of this offer has to do with Detel Wireless's statewide connectivity. If Detel is selected as both the Wide Area Network and Internet Service Provider and the Internet connection is 3 Mbps or greater, the school board will benefit from a unique offer that no other carrier will offer. Each district that accesses our network is free to communicate with each other using the DS3 facilities connecting them to our backbone without traversing the internet. This means that two districts can have video conferences, VoIP calls and virtual meetings with a 45 Mbps connection between their sites, even if they only subscribe to 3 Mbps of internet bandwidth.

8.2 Mobile Tower

In the unlikely event that a site goes down to a point that it will take a long time to repair, Detel has a Mobile Trailer with a tower that can be pulled up and connected to the location. This allows the network to be brought back on line quickly and painlessly.

8.3 Extensive Network Monitoring and Diagnostics

As mentioned in Section 4, Detel has extensive network monitoring and diagnostics capabilities that are used to ensure the best service available and it allows us to offer very proactive approach to network issues should they arrive.

8.4 Advanced Network Monitoring

As mentioned in Section 4.2.6, Advanced Network Monitoring includes capabilities, such as monthly reports showing bandwidth used at each location and Internet bandwidth utilization.

8.5 Internet Worms

With the recent outbreak of internet worms, Detel has created a way to eliminate many of the headaches that they cause. Since most to the worms attack certain TCP/IP ports, Detel has the ability to shut down all traffic traversing the network addressed to the attacked port. This gives network administrators time to react and ensure that all network elements are protected.

8.6 Internet Email Virus Scan

Detel can provide a network based email virus scan for all internet-originated email. This service can help eliminate email borne viruses before they ever hit the customer's network.

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Detel Wireless *10434 Plaza Americana Drive*Baton Rouge, La 70816

8.7 Firewall Service

Detel can offer network based firewall services that helps to remove the network administrator's pain of managing the firewall. These capabilities provide protection from intrusion and can give the customer peace of mind.

8.8 Advanced Internet Site reporting

In addition to providing common network metrics, Detel can offer Advanced Internet Site reporting that provides details on which sites are hit most often, information concerning hits on specific web sites, which computers generated the most traffic, and many other details that might be of interest to network administrators.

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Detel Wireless *10434 Plaza Americana Drive*Baton Rouge, La 70816

Attachment A. Letter of Recommendation

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Detel Wireless *10434 Plaza Americana Drive*Baton Rouge, La 70816

ACADIA PARISH SCHOOL BOARD

Incorporated July 11, 1887



John E. Bourque
Superintendent

2402 North Parkerson Avenue
Post Office Drawer 309
Crowley, LA 70527-0309
337-783-3664 Phone
337-783-3761 Fax
December 18, 2003

John H. Quehadoux
President

Lyla C. Johnson
Vice President

To Whom It May Concern

Acadia Parish School Board recently transitioned from a Bellsouth frame relay WAN to a wireless WAN leased from DETEL Wireless L.L.C. Since this transition was to occur during school time, there was great nervousness and a few sleepless nights on my part in anticipation of the move. Fortunately, the fears were unfounded. DETEL came in with a plan for our system which began with team meetings. Their staff met with our technicians and network consultants to discuss the transition and to brainstorm potential problems and solutions. While waiting for delivery of the "flagpole" radio mounts, DETEL installed all of the necessary roof-mounted radios, the large tower radios, and the routers. When the poles arrived, they were immediately set in concrete at the remaining schools and prepared for use. All radios were tested and adjusted before becoming part of our physical network.

We began the transition on November 10, 2003 by setting up an alternate WAN. Our technicians went school to school transitioning from the old routers to the newly configured DETEL routers. Our network consultant and the DETEL supervisor remained at the central office, directing the reconfiguration of the system. In a day and a half all 27 schools had been transitioned to the wireless network with minimal downtime. All of the technicians were considerate of schools with students taking Louisiana Virtual School classes, scheduling their cutovers after the virtual classes. On November 18, 2003 we transitioned from LaNet to the wireless ISP. We immediately received calls from the schools expressing pleasure with their increased Internet speed. Everybody went into the Thanksgiving holidays with a feeling of success.

We cannot adequately express the satisfaction we have had with the DETEL Wireless representatives. They have been available for questions, responding quickly to calls and emails. We have had great cooperation with their staff, our excellent technicians and the staff of Cohesive Connections of Lafayette, our network consultants. DETEL has worked with our Maintenance Coordinator and our school principals in a professional and cooperative manner. The teachers are thrilled to be able to use streaming video while the administrators are no longer frustrated while attempting to open large attachments. All of the equipment has functioned as designed, and we have felt no disappointment in any of our results.

Sincerely,

Mary Robbins
Media/Technology Supervisor

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Detel Wireless *10434 Plaza Americana Drive*Baton Rouge, La 70816

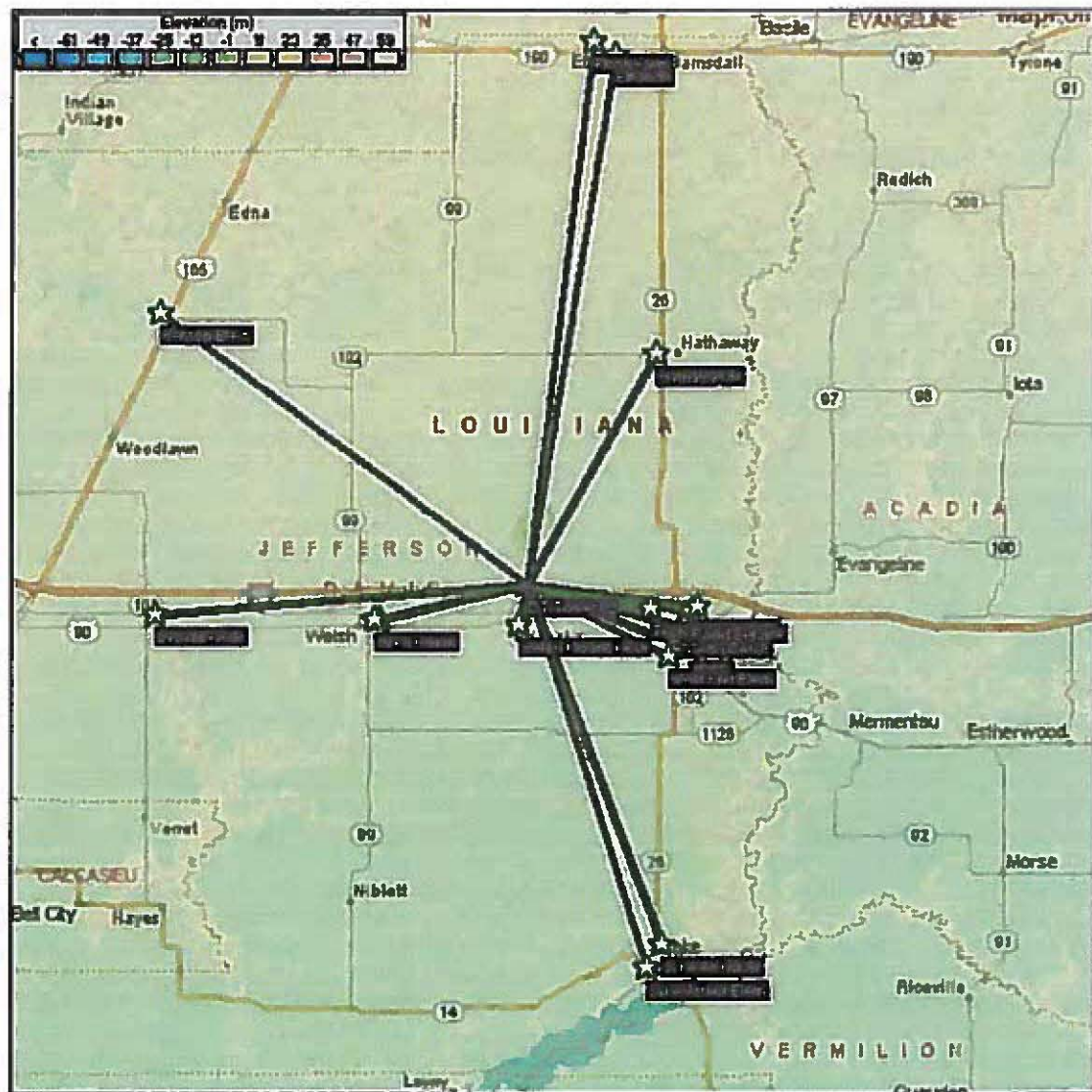
Attachment B. Network Feasibility Study

Confidential

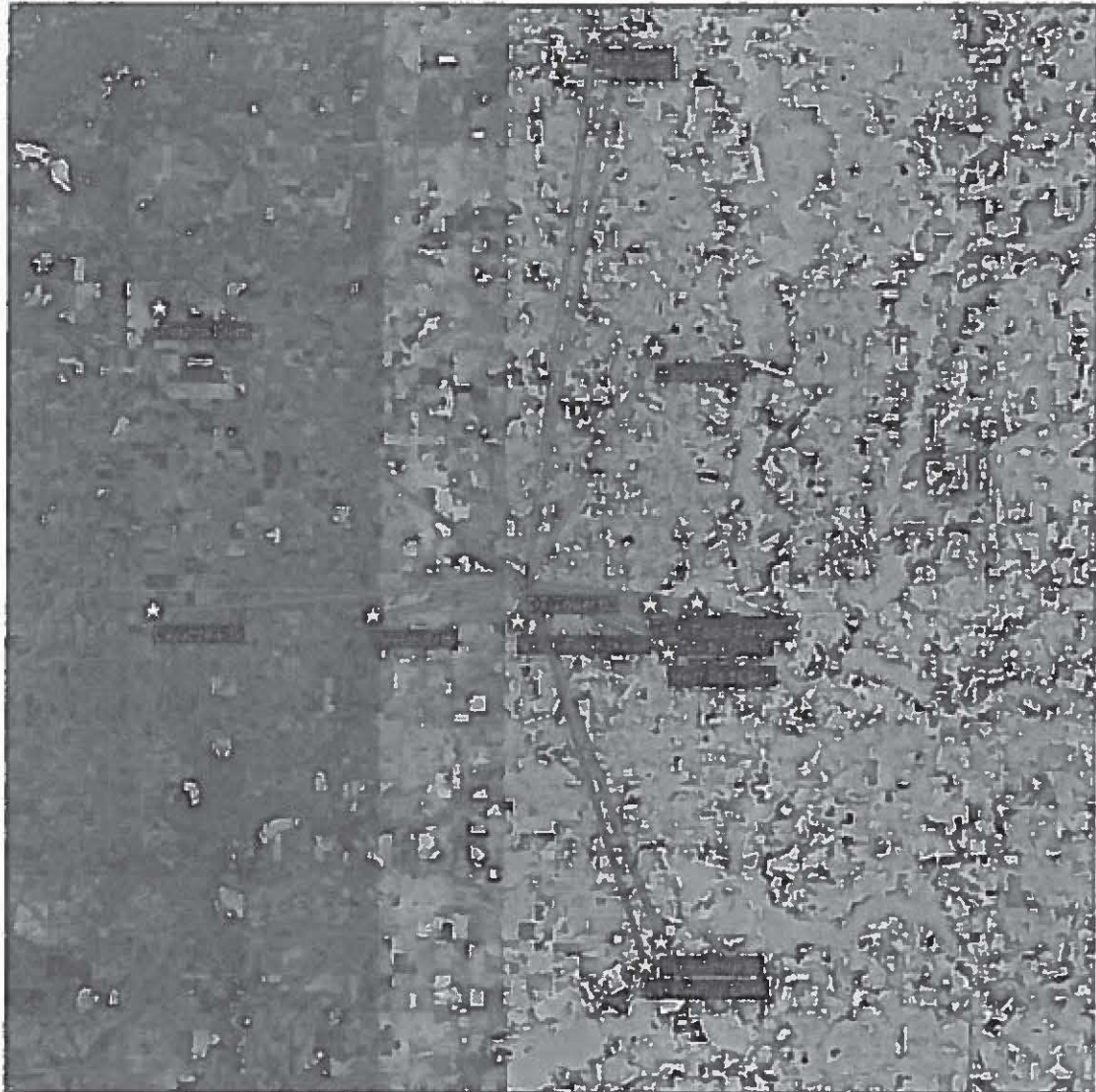
Detel Wireless *10434 Plaza Americana Drive*Baton Rouge, La 70816

Jefferson Davis Preliminary Engineering Documentation:
EXHIBIT 1 Network Topology Overview

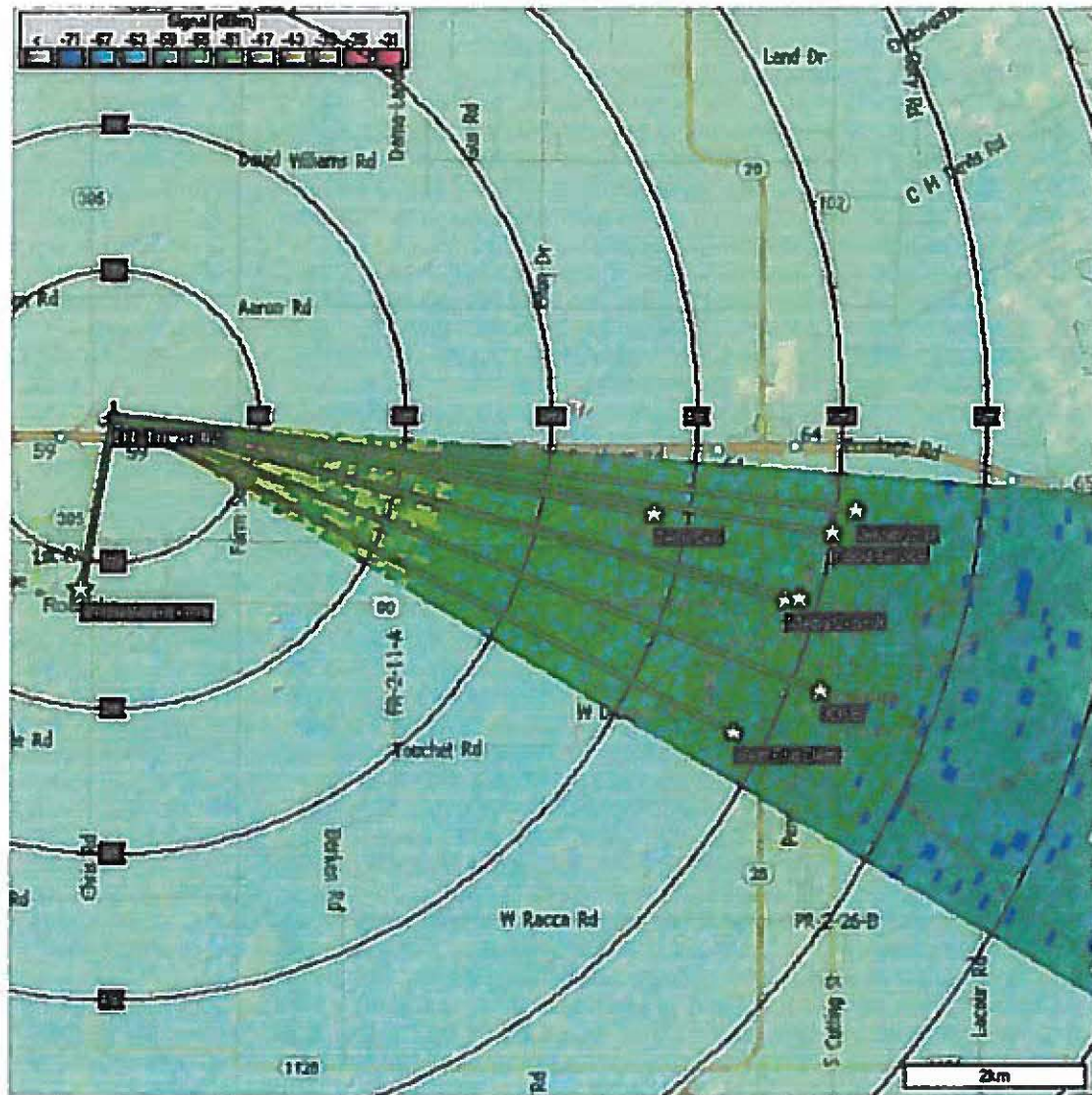
30K Network Topology:
Single tower multi-distribution point
provides minimal points of possible failure



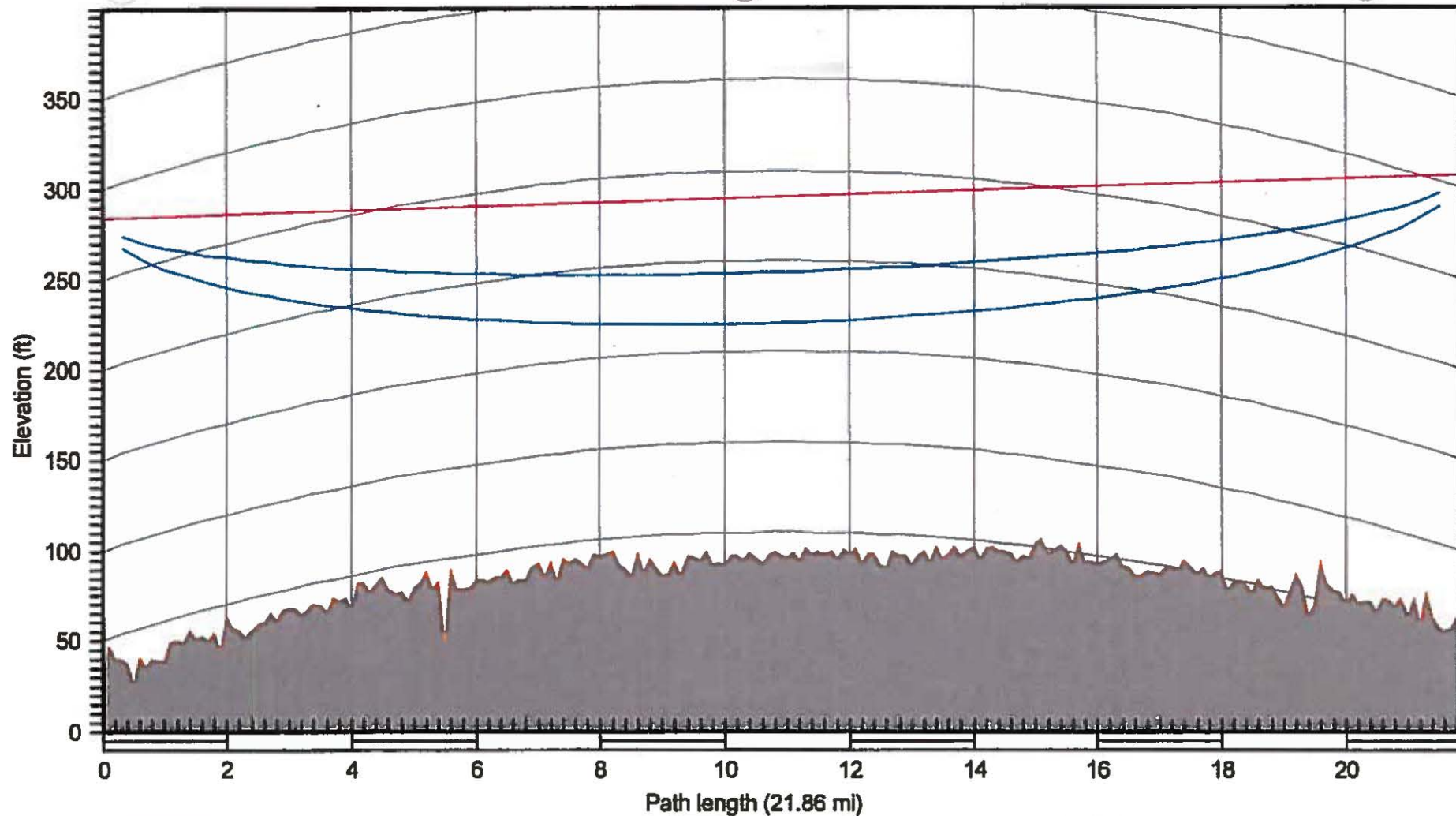
50K Satellite view Network Topology:



Town of Jennings Multipoint RF Propagation Estimate:
 (Indicates significant margin over required signal level to maintain solid network connectivity)



Engineering performed 12/01/05
 Kevin E. Braunsdorf,
 RF Engineer/DETEL Wireless
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DT01
 Latitude 30 17 22.13 N
 Longitude 092 57 39.56 W
 Azimuth 52.80°
 Elevation 34 ft ASL
 Antenna CL 250.0 ft AGL

Frequency (MHz) = 5800.0
 K = 1.33
 %F1 = 100.00, 60.00

GT01
 Latitude 30 28 51.42 N
 Longitude 092 40 09.12 W
 Azimuth 232.95°
 Elevation 58 ft ASL
 Antenna CL 250.0 ft AGL

DETEL Wireless

Point to Point Path Analysis

Dec 01 05

kb

Indication: Positive LOS

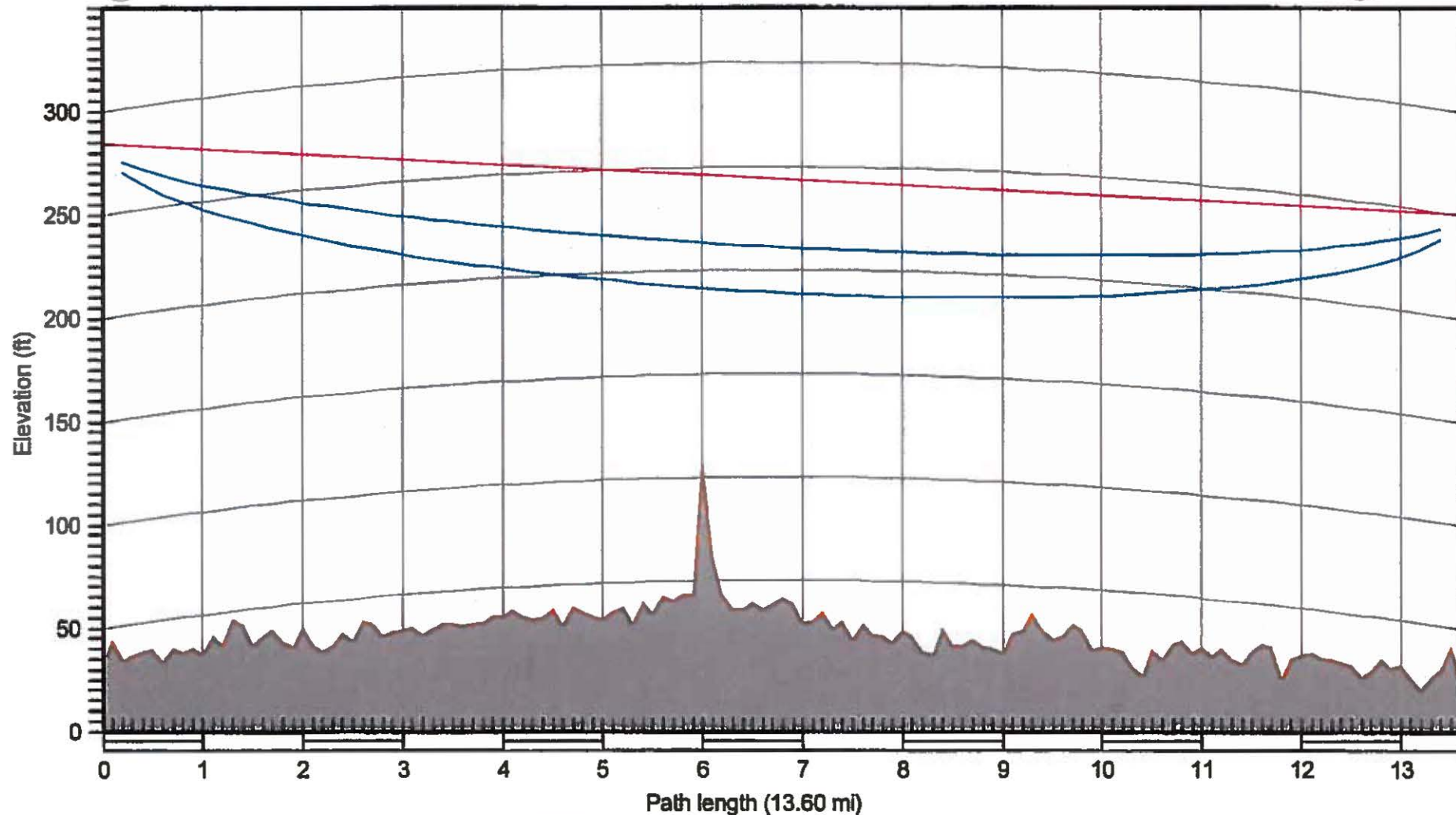
01

	DT01	GT01
Elevation (ft)	33.91	57.91
Latitude	30 17 22.13 N	30 28 51.42 N
Longitude	092 57 39.56 W	092 40 09.12 W
True azimuth (°)	52.80	232.95
Vertical angle (°)	-0.11	-0.13
Antenna model	SP6-5.2	SP6-5.2
Antenna height (ft)	250.00	250.00
Antenna gain (dBi)	37.50	37.50
Radome loss (dB)	0.00	0.00
TX loss (dB)	2.32	2.32
RX loss (dB)	2.32	2.32
Frequency (MHz)	5800.00	
Polarization	Vertical	
Path length (mi)	21.86	
Free space loss (dB)	138.66	
Atmospheric absorption loss (dB)	0.29	
Field margin (dB)	1.00	
Net path loss (dB)	69.60	69.60
Radio model	OSGeminl	OSGeminl
TX power (watts)	0.08	0.08
TX power (dBm)	19.00	19.00
EIRP (dBm)	54.18	54.18
RX threshold criteria	-96	-96
RX threshold level (dBm)	-96.00	-96.00
Maximum receive signal (dBm)	-30.00	-30.00
RX signal (dBm)	-50.60	-50.60
Thermal fade margin (dB)	45.40	45.40
Climatic factor	2.00	
Terrain roughness (ft)	20.00	
C factor	6.58	
Average annual temperature (°F)	50.00	
Worst month - multipath (%)	99.99713	99.99713
(sec)	75.54	75.54
Annual - multipath (%)	99.99928	99.99928
(sec)	226.61	226.61
(% - sec)	99.99856 - 453.22	

Thu, Dec 01 2005

DT01-GT01.pl4

Reliability Method - Vigants - Barnett



DT01
 Latitude 30 17 22.13 N
 Longitude 092 57 39.56 W
 Azimuth 101.47°
 Elevation 34 ft ASL
 Antenna CL 250.0 ft AGL

Frequency (MHz) = 5800.0
 K = 1.33
 %F1 = 100.00, 60.00

DT02
 Latitude 30 15 00.04 N
 Longitude 092 44 17.12 W
 Azimuth 281.59°
 Elevation 26 ft ASL
 Antenna CL 225.0 ft AGL

DETEL Wireless

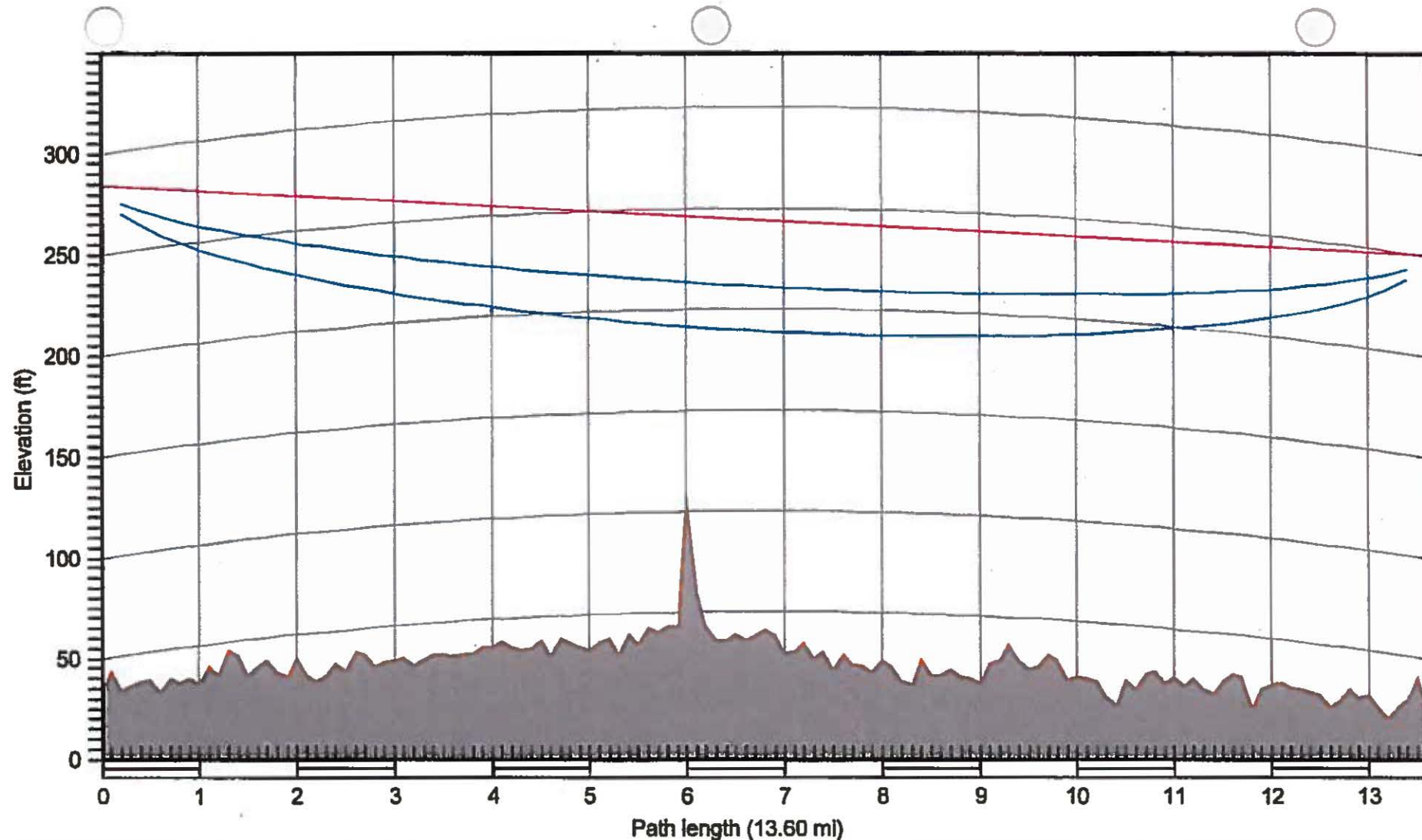
Point to Point Path Analysis

Dec 01 05

kb

Indication: Positive LOS

02



DT01
 Latitude 30 17 22.13 N
 Longitude 092 57 39.56 W
 Azimuth 101.47°
 Elevation 34 ft ASL
 Antenna CL 250.0 ft AGL

Frequency (MHz) = 5800.0
 K = 1.33
 %F1 = 100.00, 60.00

DT02
 Latitude 30 15 00.04 N
 Longitude 092 44 17.12 W
 Azimuth 281.59°
 Elevation 26 ft ASL
 Antenna CL 225.0 ft AGL

DETEL Wireless

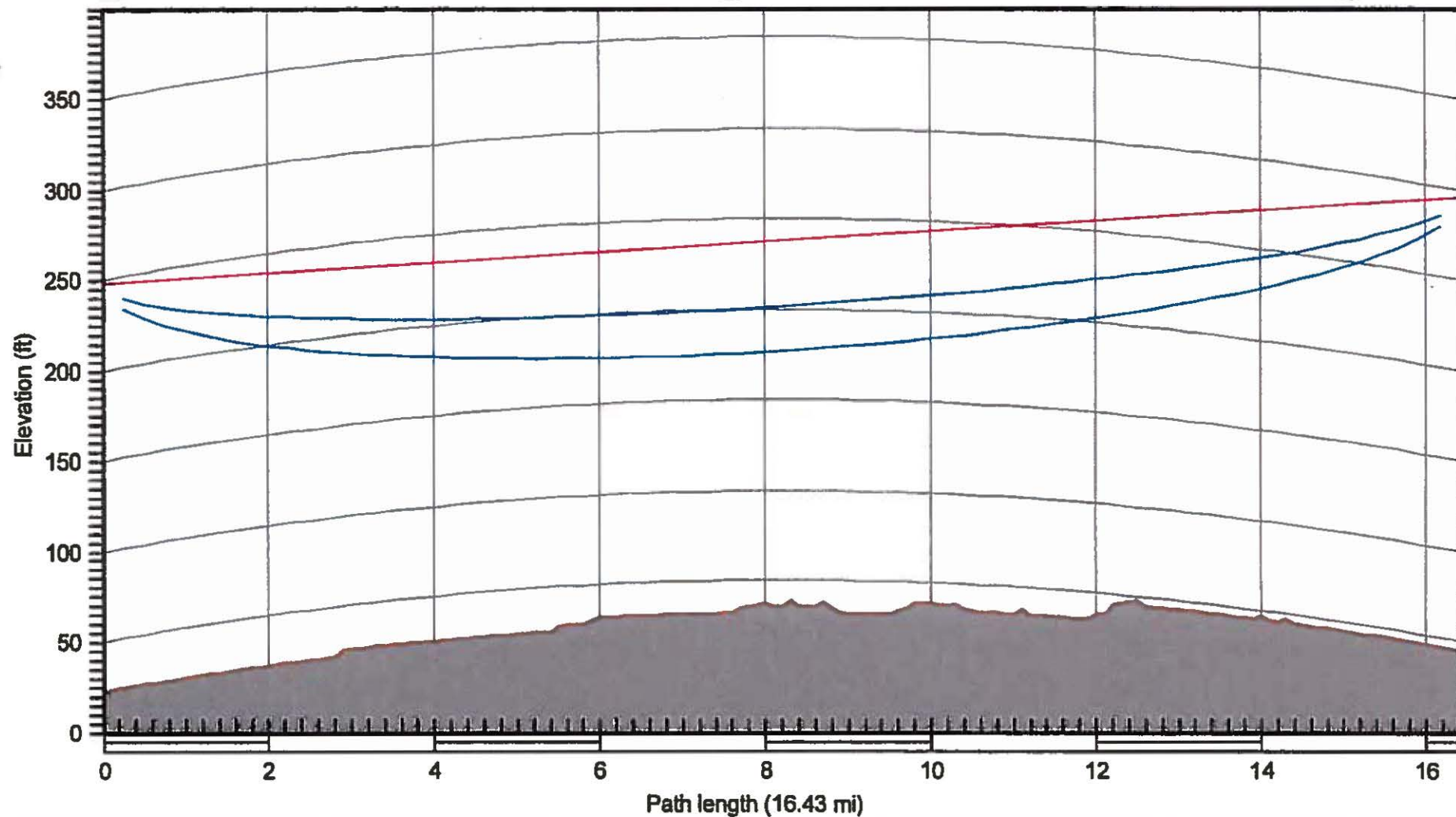
Point to Point Path Analysis		Dec 01 05	kb
Indication: Positive LOS		02	

	DT01	DT02
Elevation (ft)	33.91	25.67
Latitude	30 17 22.13 N	30 15 00.04 N
Longitude	092 57 39.56 W	092 44 17.12 W
True azimuth (°)	101.47	281.59
Vertical angle (°)	-0.10	-0.05
Antenna model	SP4-5.2	SP4-5.2
Antenna height (ft)	250.00	225.00
Antenna gain (dBi)	34.00	34.00
Radome loss (dB)	0.00	0.00
TX loss (dB)	2.32	2.32
RX loss (dB)	2.32	2.32
Frequency (MHz)	5800.00	
Polarization	Vertical	
Path length (mi)	13.60	
Free space loss (dB)	134.54	
Atmospheric absorption loss (dB)	0.18	
Field margin (dB)	1.00	
Net path loss (dB)	72.37	72.37
Radio model	OSGemini	OSGemini
TX power (watts)	0.08	0.08
TX power (dBm)	19.00	19.00
EIRP (dBm)	50.68	50.68
RX threshold criteria	-96	-96
RX threshold level (dBm)	-96.00	-96.00
Maximum receive signal (dBm)	-30.00	-30.00
RX signal (dBm)	-53.37	-53.37
Thermal fade margin (dB)	42.63	42.63
Climatic factor	2.00	
Terrain roughness (ft)	20.00	
C factor	6.58	
Average annual temperature (°F)	50.00	
Worst month - multipath (%)	99.99869	99.99869
(sec)	34.47	34.47
Annual - multipath (%)	99.99967	99.99967
(sec)	103.40	103.40
(% - sec)	99.99934 - 206.80	

Thu, Dec 01 2005

DT01-DT02.pl4

Reliability Method - Vigants - Barnett



DT02
 Latitude 30 15 00.04 N
 Longitude 092 44 17.12 W
 Azimuth 14.49°
 Elevation 23 ft ASL
 Antenna CL 225.0 ft AGL

Frequency (MHz) = 5800.0
 K = 1.33
 %F1 = 100.00, 60.00

DETEL Wireless

GT01
 Latitude 30 28 51.42 N
 Longitude 092 40 09.12 W
 Azimuth 194.52°
 Elevation 46 ft ASL
 Antenna CL 250.0 ft AGL

Point to Point Path Analysis

Dec 01 05

kb

Indication: Positive LOS

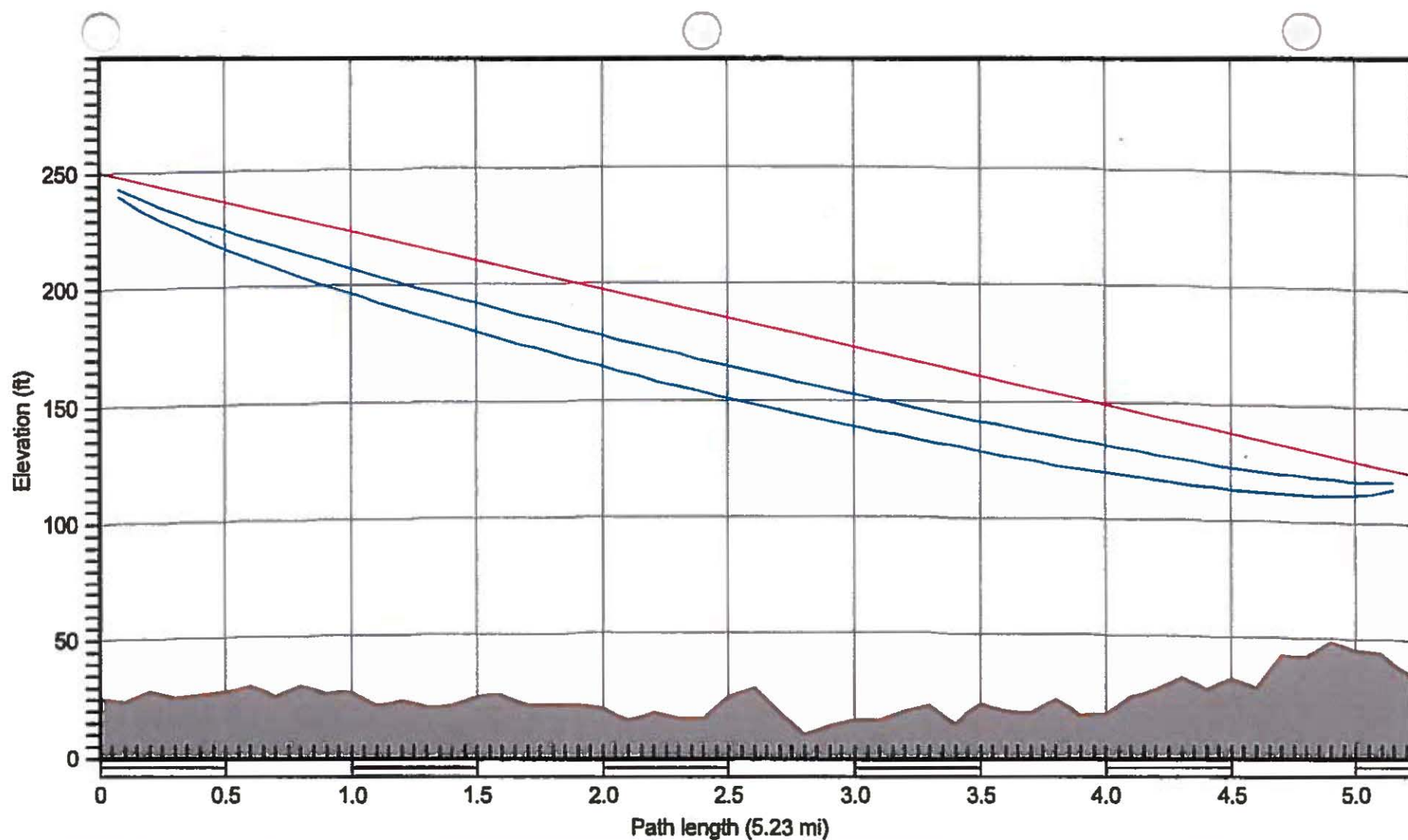
03

	DT02	GT01
Elevation (ft)	22.97	45.93
Latitude	30 15 00.04 N	30 28 51.42 N
Longitude	092 44 17.12 W	092 40 09.12 W
True azimuth (°)	14.49	194.52
Vertical angle (°)	-0.06	-0.12
Antenna model	SP4-5.2	SP4-5.2
Antenna height (ft)	225.00	250.00
Antenna gain (dBi)	34.00	34.00
Radome loss (dB)	0.00	0.00
TX loss (dB)	2.32	2.32
RX loss (dB)	2.32	2.32
Frequency (MHz)	5800.00	
Polarization	Vertical	
Path length (mi)	16.43	
Free space loss (dB)	138.18	
Atmospheric absorption loss (dB)	0.22	
Feld margin (dB)	1.00	
Net path loss (dB)	74.05	74.05
Radio model	OSGemini	OSGemini
TX power (watts)	0.08	0.08
TX power (dBm)	19.00	19.00
EIRP (dBm)	50.68	50.68
RX threshold criteria	-96	-96
RX threshold level (dBm)	-96.00	-96.00
Maximum receive signal (dBm)	-30.00	-30.00
RX signal (dBm)	-55.05	-55.05
Thermal fade margin (dB)	40.95	40.95
Climatic factor	2.00	
Terrain roughness (ft)	20.00	
C factor	6.58	
Average annual temperature (°F)	50.00	
Worst month - multipath (%)	99.99660	99.99660
(sec)	89.46	89.46
Annual - multipath (%)	99.99915	99.99915
(sec)	268.37	268.37
(% - sec)	99.99830 - 538.73	

Thu, Dec 01 2005

DT02-GT01.pl4

Reliability Method - Vigants - Barnett



DT02 Latitude 30 15 00.04 N Longitude 092 44 17.12 W Azimuth 111.12° Elevation 26 ft ASL Antenna CL 225.0 ft AGL	Frequency (MHz) = 5800.0 K = 1.33 %F1 = 100.00, 60.00 DETEL Wireless	JDSB Latitude 30 13 21.50 N Longitude 092 39 23.62 W Azimuth 291.16° Elevation 36 ft ASL Antenna CL 85.0 ft AGL
Point to Point Path Analysis Indication: Positive LOS	Dec 01 05	kb 04

	DT02	JDSB
Elevation (ft)	25.67	36.11
Latitude	30 15 00.04 N	30 13 21.50 N
Longitude	092 44 17.12 W	092 39 23.62 W
True azimuth (°)	111.12	291.16
Vertical angle (°)	-0.30	0.24
Antenna model	2' dish	2' dish
Antenna height (ft)	225.00	65.00
Antenna gain (dBi)	29.00	29.00
Radome loss (dB)	0.00	0.00
TX loss (dB)	1.32	1.32
RX loss (dB)	1.32	1.32
Frequency (MHz)	5800.00	
Polarization	Vertical	
Path length (mi)	5.23	
Free space loss (dB)	126.24	
Atmospheric absorption loss (dB)	0.07	
Field margin (dB)	1.00	
Net path loss (dB)	71.96	71.96
Radio model	AU-E-SA-5.8-VL	AU-E-SA-5.8-VL
TX power (watts)	0.05	0.05
TX power (dBm)	17.00	17.00
EIRP (dBm)	44.68	44.68
RX threshold criteria	-71	-71
RX threshold level (dBm)	-71.00	-71.00
Maximum receive signal (dBm)	-30.00	-30.00
RX signal (dBm)	-54.96	-54.96
Thermal fade margin (dB)	16.04	16.04
Climatic factor	2.00	
Terrain roughness (ft)	20.00	
C factor	6.58	
Average annual temperature (°F)	50.00	
Worst month - multipath (%)	99.96609	99.96609
(sec)	891.12	891.12
Annual - multipath (%)	99.99152	99.99152
(sec)	2673.35	2673.35
(% - sec)	99.98305 - 5346.70	

Thu, Dec 01 2005
DT02-JDSB.p4
Reliability Method - Vigants - Barnett

Engineering performed 12/01/05
Kevin E. Greiner/
RF Engineer/DETEL Wireless
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Frame Relay DS3 Internet Access - Tiered Pricing

BellSouth Pricing									
		Packaged Option				GFE Option			
Installation		\$1,725	\$1,725	\$1,725	\$1,725	\$1,725	\$1,725	\$1,725	\$1,725
		Monthly Recurring Charges				Monthly Recurring Charges			
Port Speed (Mbps)	CIR (Mbps)	MTM	1 Year	2 Years	3 Years	MTM	1 Year	2 Years	3 Years
3	3.0	\$ 3,510	\$ 3,105	\$ 2,975	\$ 2,840	\$ 3,075	\$ 2,670	\$ 2,540	\$ 2,405
6	6.0	\$ 4,365	\$ 3,850	\$ 3,680	\$ 3,510	\$ 3,930	\$ 3,415	\$ 3,245	\$ 3,075
9	9.0	\$ 5,395	\$ 4,745	\$ 4,530	\$ 4,315	\$ 4,960	\$ 4,310	\$ 4,095	\$ 3,880
12	12.0	\$ 6,045	\$ 5,310	\$ 5,070	\$ 4,825	\$ 5,610	\$ 4,875	\$ 4,635	\$ 4,390
15	15.0	\$ 6,850	\$ 6,010	\$ 5,735	\$ 5,455	\$ 6,415	\$ 5,575	\$ 5,300	\$ 5,020
21	21.0	\$ 8,150	\$ 7,140	\$ 6,805	\$ 6,470	\$ 7,715	\$ 6,705	\$ 6,370	\$ 6,035
33	33.0	\$ 11,075	\$ 9,685	\$ 9,225	\$ 8,760	\$ 10,640	\$ 9,250	\$ 8,790	\$ 8,325
45	45.0	\$ 14,210	\$ 12,410	\$ 11,815	\$ 11,215	\$ 13,775	\$ 11,975	\$ 11,380	\$ 10,780

Wave the
Installation fee
1,725.00 - 1,725.00
Net charge 1895.00

At or Less than
2,000.00 plus
1,725 wave fee
3 years - 1,895.00
M/M -
Wave Installation fee
Bunny to Bond w. Atch



SKYRIDER
COMMUNICATIONS

Wayne M. Kairdolf, Jr.

Wireless Wide Area Network Engineer
Vice President

1011 Natchitoches Street
West Monroe, LA 71291
wayne@skyrideronline.com
www.skyrideronline.com

Mobile Phone: (318) 229-2888
Toll Free: (800) 536-7035
Telephone: (318) 410-0020
Fax: (866) 829-9755



*Presented
Proposal
Jan 17, 2006
2:30 PM*

Internet Access & Wide Area Network Proposal

*No getting
permits needed
from city or state
needed -*

*1/17/06 Router = Nothing
Written in proposal
says sky-rider will
pay for router
@ S. Quid -*

**JEFFERSON DAVIS
PARISH SCHOOL BOARD**

Form 470

Application Number:

205520000543782

*Need to
use our own IP
Address 12.3.3*

*No Site
Visits*

*1/17/06
59% Discount
on Internet was
Verbal
if got WAN + Int.*

**Internet Access
&
Wide Area Connectivity
Telecommunication Services**

**2006 RESPONSE to
470#: 205520000543782**

**Jefferson Davis School District
2006-2007 School Year**

PRESENTED BY:



Skyrider Communications, Inc.
2900 Louisville Avenue
Monroe, Louisiana 71201
318-410-0020

January 16, 2006

Statement of Confidentiality

This document includes data that shall not be disclosed to anyone other than employees of the Jefferson Davis Parish School System and shall not be duplicated, used or disclosed - in whole or in part - for any purpose other than for internal evaluation of this document. If, however, a contract is awarded to SkyRider Communications as a result of, or in conjunction with the submission of this document, Jefferson Davis Parish School System shall have the right to duplicate, use or disclose that data to the extent provided in the resulting contract. This restriction does not limit Jefferson Davis Parish School System's rights to use this information contained within the document if it was obtained from another source without restriction.

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Skyrider Communications *2900 Louisville Avenue* Monroe, La 71201

**SECTION A. COVER LETTER,
AND EXECUTIVE SUMMARY**



December 7, 2004

**Ms. Helen Atchison
Curriculum Technology Specialist
Jefferson Davis Parish School Board
1628 South Thibodaux Road
Jennings, Louisiana 70546**

Dear Ms. Atchison:

It is our privilege at Skyrider Communications to be able to present to you our response to the **Jefferson Davis Parish School Board's 470 / RFP for 2006-2007.**

Skyrider Communications, Inc, and its parent company Family Tel of Louisiana, LLC, believe in school districts like **Jefferson Davis Parish School System.** We are determined to implement the finest and most affordable overall systems in our state. Our desire is to perform your bandwidth improvements with an unsurpassed level of experience and commitment.

We believe Skyrider is the best choice when considering a digital transmission method. We are ready and able to perform the services described in the RFP.

Lastly, we humbly and respectfully request that **Jefferson Davis Parish School System** accept our proposal for **Internet & WAN Connectivity.** We are confident that mutually we will have a reliable and bright future forging the educations of our nation's future leaders.

Sincerely,

**Wayne Kairdolf
Vice President
Skyrider Communications, Inc**

Executive Summary

Skyrider Communications, Inc, is pleased to have submitted a response to this **470 / RFP**. It is Skyrider's commitment and experience that makes us the most dependable choice for **Wide Area Networking** in the **K-12 education** market. We hope to share our success with your district.

Skyrider is offering **Jefferson Davis Parish** several system options with speeds up to roughly **300 Mbps**. Many diverse pricing proposals are being submitted. Each proposal is unique with respect to bandwidth options, installation charges, and monthly recurring fees.

We focus on providing solutions that match your bandwidth needs on a site-by-site basis. Skyrider engineers and designs an all-inclusive and all-encompassing IP-based, large scale digital network solution built specifically with **Jefferson Davis Parish** in mind.

Skyrider's team personally constructs, installs and configures the network. Skyrider has certified wireless and terrestrial network architects and engineers on staff to ensure system stability. After installation, Skyrider will educate and prepare the customer on the newly implemented systems and applications. Skyrider then operates and maintains the system, monitoring 24 hours a day, and dispatching technicians if needed. Skyrider also has a top-notch customer service team ready to assist via our customer website login, telephone, email, or mobile. Finally, Skyrider has expertise available to assist the customer's staff in capturing eligible funding from sources such as the USAC SLD and other Federal and state technology funding sources.

Lastly and most importantly, we are a company based on traditional values. It is morals and ethics that have placed us in our success. We intend upon furthering our trustworthy relationship that we have established in the private sector with many school districts and government agencies in the Gulf Coast region. Mutually our success at this new level will be unmatched.

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Skyrider Communications *2900 Louisville Avenue* Monroe, La 71201

SECTION B. LETTERS OF RECOMMENDATION



Iberville Parish School Board

MARTIN H. BERA
*Superintendent
Secretary-Treasurer*

MELVIN LODGE
President

GLYNA KELLEY
Vice-President

To Whom It May Concern:

It is my sincere pleasure to recommend SkyRider Communications to any entity wishing to expand and improve the capacity of their telecommunications. In this volatile year where excuses would be justified and lack of performance completely understandable, the members of the SkyRider team have gone above and beyond what would be considered acceptable and surpassed any expectation of customer service that the Iberville Parish School System could have anticipated. From the initial point of installation, through configuration and implementation of the system, SkyRider has pursued their undertaking with a vigor and dedication unparalleled in the wireless field. Although no project of this magnitude could be pursued without some obstacles, especially in recent months, the enthusiasm and commitment of the SkyRider staff should be commended. They worked tirelessly to ensure that our system maintained the highest level of connectivity and we experienced a minimum amount of downtime. SkyRider has been able to respond to any hint of a setback with great haste, in most instances prior to the realization of a problem on the school system's end. It is my firm belief that any district can feel comfortable entering into an agreement with SkyRider Communications without the slightest degree of trepidation. You will not be disappointed. Please feel free to contact me with any questions or concerns you may have.

Sincerely,

Leslie Blanchard
Instructional Technology
Iberville Parish School Board

P.O. BOX 151 • PLAQUEMINE, LA 70765-0151 • PH. (225) 687-4341 • FAX (225) 687-5408 • www.ipsb.net

M
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Carson Trusclair
Maringouin, La.

David J. Daigle
Grosse Tete, La.

Glyna M. Kelley
Plaquemine, La.

Louis J. Martinez
Plaquemine, La.

Paul B. Distefano
Plaquemine, La.

Michael C. Barbee
Plaquemine, La.

Tom Delahaye
Plaquemine, La.

Dorothy R. Sansoni
Plaquemine, La.

Thomas J. Edwards
Plaquemine, La.

Brian S. Willis
Plaquemine, La.

Nancy T. Broussard
St. Gabriel, La.

Freddie Molden, III
Bayou Goula, La.

Melvin Lodge
St. Gabriel, La.

Albertha D. Hasten
White Castle, La.

Darlene M. Ourso
White Castle, La.

M
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M
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S

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Skyrider Communications *2900 Louisville Avenue* Monroe, La 71201

LOUIS E THIBODAUX, President

JO ANN MATTHEWS, Superintendent

Lafourche Parish School Board

OFFICE OF SUPERINTENDENT

P. O. BOX 879

THIBODAUX, LOUISIANA 70302-0879

PHONE: 985-446-5631

FAX: 985-446-0801

December 19, 2005

Wayne Kalrdolf
Skyrider Communications

Dear Wayne,

As we near the final completion of our wireless Wide Area network installation, I wanted to communicate to you some of my observations from the last several months.

Soon after Skyrider began the switchover of our Internet service in early August, and the preparations for our wireless WAN implementation were underway, our area was hit by Hurricane Katrina, causing the greatest natural disaster in our nation's history. Although our parish was not directly struck, we nonetheless experienced a great deal of disruption for many weeks. I was very pleased to see the efforts of Skyrider, and you in particular, in restoring our Internet connectivity as quickly as possible. Your thinking outside the box and your "can do" attitude were valuable to us in our time of need.

I also appreciate the willingness on your part to help us achieve a high degree of uptime, and your efforts in that regard.

We look forward to a long and continued relationship with Skyrider, as we continue the modernization of our network infrastructure.

Sincerely,



Britt Ledel
DP/Technology Director

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Skyrider Communications *2900 Louisville Avenue* Monroe, La 71201

SECTION C. TABLE OF CONTENTS

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1 Qualifications

1.1 Vendor Qualifications

1.1.1 Carrier Qualifications

Skyrider is an emerging provider of "last mile" connectivity and high-speed Internet access for K-12 schools, government and municipalities, healthcare systems, libraries and colleges or universities. Skyrider focuses on designing, installing, operating and maintaining wireless wide area network systems (WWAN) that utilize spread spectrum equipment. Skyrider also offers several fiber speed Internet Access options

Skyrider Communications, Inc. is a subsidiary of HomeTel, Inc. HomeTel, Inc. is a \$10 million per year registered CLEC and the parent company of FamilyTel of Louisiana, LLC. HomeTel, Inc. provides local, long distance and wireless telecommunications services in Arkansas, Louisiana, Missouri, Mississippi, Oklahoma, Texas and Alabama.

Our ability to seamlessly integrate wired and wireless solutions has enabled us to provide services that are much more economical than traditional methods. Our staff has assisted in the design and operation of many of the state's largest WANs, covering hundreds of square miles and delivering bandwidths of up to 1 Gigabit. As a licensed telecommunications carrier with over 20,000 communication lines under our parent company, we provide unmatched management and customer service.

The managing partners have over a combined 100 years experience in the communications industry providing solutions in various markets. Skyrider has a Cisco Certified Internet Expert (CCIE) on staff, as well as, a certified Broadband Wireless Access Experts and a Certified Wireless Network Administrator (CWNA). The later two are vendor neutral WLAN training and certifications created by industry leading experts.

1.1.2 SLD Qualifications

The Filer 499 Id assigned to Skyrider Communications is 824856. Skyrider Communications is registered with Schools and Libraries Division. The SPIN for Skyrider Communications, Inc. is 143028749.

1.1.3 Federal Communications Commission (FCC) and State of Louisiana Public Service Commission (PSC) Qualifications

FamilyTel is registered with both the FCC and the PSC in the State of Louisiana. Please see Attachment A for a copy our Louisiana State Certification.

1.1.4 Staff Locations and Availability

Skyrider Communications, and its parent company, FamilyTel, maintain offices locations in following locations:

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Main Branch 2900 Louisville Avenue Monroe, Louisiana 71201 (318) 410-0020	Southeastern Louisiana Branch 14226 Shenandoah Ave. Baton Rouge, LA 70817 (225) 266-2794
Central Louisiana Branch 880 Philadelphia Road Deville, Louisiana 71328 (318) 466-0042	Texas Branch 108 South Pinkerton Street; Suite 105 Athens, Texas 75751
Mississippi Branch 1700 Terry Rd Vicksburg, MS 39204	Arkansas Branch 401 West Hillsboro Street El Dorado, AR 71730

Skyrider maintains a 24/7 System Monitoring facility that identifies issues as soon as they arise. A large amount of troubleshooting and fault isolation can be done remotely. When needed, there will be a field technician will also be on call 24/7.

1.1.5 References

Below, is a table listing references for S kyrider or our staff. Most have give permission to be contacted by our potential customers, and we encourage anyone interested to give them a call.

Iberville Parish School Board – Leslie Blanchard – (225) 687-4341
Iberville Parish School Board - Doug Durand – Technology Coordinator – (225) 687-4341
Lafourche Parish School Board - Britt Leder – Technology Coordinator – (985) 446-5631
Lafourche Parish School Board - Terry Eymard – Data Processing – (985) 446-5631
Assumption Parish School Board – Joshua Naquin – Technology Coordinator – (985) 369-7251
Assumption Parish School Board – Malissa Boudreaux – Business Administrator – (985) 369-7251
Camereon Parish Public Library - Charlotte Trosclair – Director (337) 274-1095
Opelosus General Hospital – Mark Brockman – Network Administrator – (337) 943-7113
G & G Computers, Inc. – Chad Burks – Sales Manager (225) 281-0566
G & G Computers, Inc. – Chris Juneau – Technical Manager (337) 207-2886
Proxim Corporation – Ray Copeland – Wireless Engineer (504) 343-5175
Proxim Corporation – Jody Nicewonger – Sales Manager (408) 230-6474
Ceragon Networks, Inc. – Todd Ishee – Regional Director (256) 520-7965

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1.2 Primary and Alternate Contacts

Here are SkyRider's current primary and alternate contacts for Jefferson Davis Parish School System.

Primary Contact	Alternate Contact
Wayne M. Kairdolf, Jr. Vice President 2900 Louisville Avenue Monroe, Louisiana 71201 Email: wayne@skyrideronline.com telephone: (318) 410-0020 toll free: (800) 536-7035 fax: (866) 829-9755 mobile: (318) 229-2888	Dustin Brooks Director of Engineering 2900 Louisville Avenue Monroe, Louisiana 71201 Email: dustin@skyrideronline.com telephone: (318) 410-0020 toll free: (800) 536-7035 fax: (318) 851-5983 mobile: (318) 805-6316

1.3 Company Overview

SkyRider Communications is a privately held Louisiana company headquartered in Monroe, Louisiana. Within Louisiana, we service the state with office locations in Northeast (Monroe), Southeast (Baton Rouge), and Central Louisiana (Alexandria).

SkyRider Communications is the best-of-breed carrier grade secure service provider focused on the delivery of ultra high bandwidth infrastructure to residential, commercial, state and local governments, higher-education and K-12 markets in the states of Louisiana, Mississippi, Texas, Alabama, Arkansas, Oklahoma, and Missouri. Our services incorporate both wired and wireless solutions that seamlessly enable the delivery of applications to anyone, anywhere, at anytime.

SkyRider understands the business initiatives and goals of our clients, their critical success factors, corporate / organizational initiatives and their long-term business strategies. SkyRider not only delivers a 24 by 7 Network Operations Center, but we also have the keen ability to work in sync with other vendors which better serves our customers.

Our mission is to enhance our clients' ability to communicate efficiently by delivering a single converged network supporting voice, video and data. SkyRider is a great service provider, dedicated to helping organizations build solid technology foundations. The company has developed a comprehensive suite of offerings and professional services that allow organizations to leverage the latest enabling technologies to meet their districts' goals and initiatives. We accomplish this task through leading edge knowledge and state-

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of-the-art solutions from the industry's leaders. SkyRider offers consulting services in the areas of Network Design, Project Management, Network Operations, Network Management and Network Security.

Relationships with the industry's leading network innovators have allowed SkyRider to develop a comprehensive core of expertise unique among communications companies. These innovative leaders include Cisco Systems, Proxim, Orthogon, Ceragon, Stratex, Alcatel, Adtran, and Radiowaves among others.

SkyRider Communications and its parent company FamilyTel of Louisiana, LLC are a Tier - 2 Backbone Internet Service Provider (ISP). Our facilities interconnect directly with UUNET and Sprint for redundancy and reliability purposes. Our primary business is operating and providing telecommunications and Internet service.

SkyRider understands the application of technology to real companies, libraries, & school districts and can provide keen insight into IT strategy, project feasibility and infrastructure design. SkyRider has assembled a team that has the talent, skills, knowledge and experience that is necessary to provide the level of support that is required in this day and age. The members of our team bring significant knowledge of services, support and operations, as well as a great deal of experience working with large scale service organizations. The company's technical teams include some of the top talent in the industry, with experience in Wireless and Wired Communication Media, IP Telephony, IP Data, IP Video, Security, Disaster Recovery, Server-Based Computing, Internetworking Solutions and Project Management, etc.

In addition, SkyRider has expertise to hit the ground running and immediately add value to methodologies, processes and operations. The company's engineers hold top-level certifications and are subject-matter experts in their area of focus. Our consultants have in-depth knowledge of both business and technology issues, and our account managers coordinate the people, products and services required to meet your objectives.

SkyRider looks forward creating a strategic partnership with your agency to enhance the education of our nations future leaders.

SECTION E. TECHNICAL PROPOSAL

2 Technical Proposal

2.1 Wireless Microwave Connectivity Overview

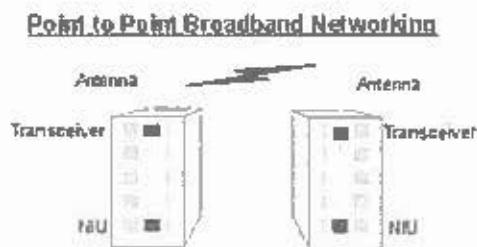
Wireless broadband refers to the wireless network technology that addresses the "last mile" problem whereby an isolated customer premises can connect to an ISP or carrier's backbone network without leasing expensive traditional T-1 and higher speed copper or fiber channels from the local telecommunication service provider. Wireless broadband refers to fixed (non-mobile) wireless connectivity that can be utilized by enterprises, businesses, school systems, households and telecommuters who travel from one fixed location to another fixed location. In our networks current configuration it does not address the needs of "mobile users" on the road entirely.

Technologically, wireless broadband is an extension of the point-to-point, wireless-LAN bridging concept to deliver microwave high-speed and high capacity pipe that can be used for voice, multi-media and Internet access services. While in simple implementations, primary use of wireless broadband is for connecting LANs to the Internet, in more sophisticated implementations, you may connect multiple services (data, voice, and video) over the same pipe.

Wireless broadband market is expanding very fast. According to Strategic Research – a telecommunications market research company, broadband market is projected to be \$16.3 billion U.S. in 2004. The subscriber base will grow to almost 10 million, according to Allied Business Intelligence - a market research company.

2.1.1 How Does Carrier Grade Wireless Microwave Network Operate?

Essentially you need a piece of equipment (CPE – see definition later) in each building where you want to connect two LAN segments. For those situations, where a clear line of sight is not available, one or multiple hubs may be deployed – acting as repeaters and logical diverters of radio signals. The Customer Premise Equipment (CPE) or Subscriber Unit in most implementations consists of two fundamental components: a Network Interface Unit (NIU) - an indoor unit providing circuit emulation and Ethernet data services – essentially a Transceiver and an antenna unit mounted on the top or side of the building. In some cases, the transceiver and antenna are integrated into one unit – e.g. in Nortel's Reunion Broadband Wireless Access products. NIU is connected to the data network (typically a LAN) in the two buildings.

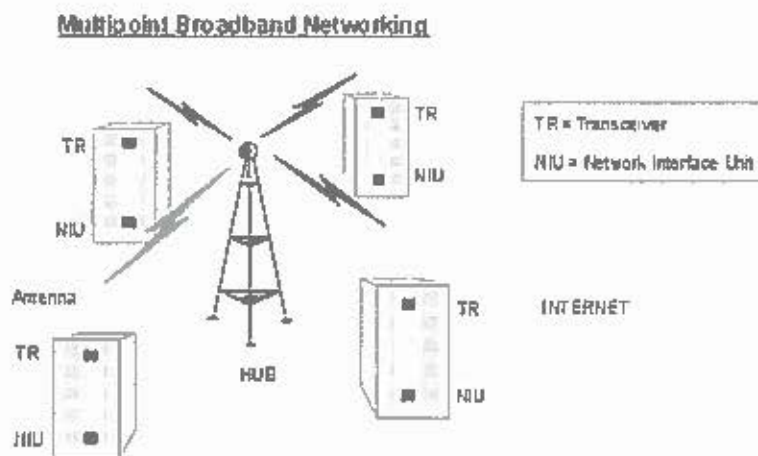


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Where multiple services (voice and data are employed), there is another piece of equipment that is called Base station equipment – that provides multiplexing and channel separation.

In those cases where a clear line of site is not available between two points or where multiple locations need to be served, there is a Hub in the center as shown in the following schematic.



Differences in data transfer between components reveal some of the benefits of a wireless system as opposed to other technical alternatives like cable and Digital Subscriber Line (DSL), or traditional ISDN. Whereas cable and DSL utilize Frequency Division Duplexing (FDD), Wireless is able to support all applications while offering the entire bandwidth for balancing upstream and downstream packet traffic. Wireless does this by utilizing Time Division Multiplexing technology, recently advocated by the Universal Wireless Communication Consortium as the benchmark for Wireless Broadband technology. The difference is that FDD requires allocations of upstream and downstream traffic meaning they are asymmetric, and are unable to support bandwidth-hungry 2nd generation applications such as Video Conferencing, Multimedia Email, Interactive Gaming, Online Banking, and other applications on the horizon for business and residence alike.

2.1.2 Solution Scenarios - Where Wireless Broadband Is Useful

Implementation depends on the type of entity, its network needs and usage. These needs are different for households, small, medium and large entities. Typical wireless broadband applications are:

- Internet access: where it is difficult/expensive to lay pipe in cities/rural areas
- Inter-LAN connectivity in a campus environment
- Inter-building connectivity in a down town core where cable digging is a problem and expensive
- Multimedia or video connection for TV services
- Distance-learning based on permanent connections to remote areas where instructor material is based on using multi-media material

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- ~ Government facilities in distant areas
- ~ Telemedicine and medical facilities: in patient/out patient, emergency rooms, surgery
- ~ "As needed" connectivity in contrast to permanent connectivity
- ~ Connecting historic or older buildings where laying cable could be difficult or expensive
- ~ Outdoor, field operations: disaster recovery, battlefields
- ~ Home banking
- ~ Interactive Gaming sites

2.1.3 Competitive Technology Alternatives

- ~ Lease traditional T-1 and T-3 services from local Telco
- ~ Lease DSL services from Telco: One vendor, Alcatel, offers 3dSL for copper wire infrastructures which uses IP multicast over an asymmetric digital subscriber line (ADSL) with ATM. From 1.544 Mbps to 512 Kbps downstream and about 128 Kbps upstream. A DSL line can carry both data and voice signals and the data part of the line is continuously connected.
- ~ Lease similar data services from the cable providers
- ~ Lease Teledesic LEOS service (Low entry orbit satellites) - trying to compete with spare capacity on these satellites
- ~ Implement WLAN - Wireless Local Area Networks in a campus environment with wireless bridges connecting the two LAN segments in two buildings

2.1.4 Costs and Benefits

- ~ Acquisition and set up costs can be much less than ongoing monthly leased line charges for competing technologies. Business case for wireless broadband consists of comparing capital acquisition costs of wireless broadband amortized over a five-year period plus monthly equipment maintenance charges against circuit lease charges for the same period for T-1, xDSL or cable services.
- ~ You can avoid long lead times for getting T-1 and higher speed circuits from Telco in certain areas of downtown core or outlying areas where they may not have a service.
- ~ Growth and upgrade costs for wireless broadband are much less. Therefore, you can start with just the required capacity and add to it as requirements grow – therefore emphasize upgrade and scalability of the equipment that you select.
- ~ Reliability is quite high – Skyriders quotes @ 99.999% availability. However, atmospheric conditions do affect service and sustained availability is perhaps lower at times than above figures.
- ~ Temporary locations or T-buildings that relocate frequently can benefit from wireless broadband
- ~ Rapid deployment: Wireless subscription and connection is faster
- ~ Wireless broadband can be implemented in incremental fashion. Therefore, network or ISP strategy is "implementing as needed". This reduces capital expenditure.

2.1.5 Advantages of Wireless to Wired Communications

Wired and wireless systems are more complementary than competitive. But wireless technologies have been gaining fast because of the inherent advantages of wireless systems. They are:

- ~ Cost-effective: Wireless systems have lower costs and can drive revenue, so that it is quicker to recoup investments in wireless systems than in wired systems.
- ~ Simple: Wireless links can be deployed faster than wireline: There is no digging, no pulling cable and there are no major zoning issues. Once set up, it usually needs very little management. Performance can be indistinguishable from wired links.
- ~ Flexible: The wireless network can be modified to meet changing bandwidth needs or locations. Wired alternatives may be better, but often there is no wired alternative.
- ~ Available: Wireless links can be deployed anywhere there is line-of-sight between nodes — urban, suburban and rural locations alike. Coverage remains one of the biggest inhibitors to adoption, especially in large countries, but in the United States, for example, wireless WAN services cover 90 percent of the country by population and 25 percent by geography.
- ~ Reliable: Skyriders and some other fixed wireless service vendors are guaranteeing over 99 percent reliability, backed up with service-level agreements. Mobile services have yet to support such high reliability.

2.2 Network Connectivity (Wide Area Network)

2.2.1 Bandwidth Options

Skyriders is proposing several wireless solutions with different bandwidth options. One of the available options provides 36 Mbps to each of the schools and 100 Mbps for the backhaul to the School Board. Other available options provide 60 Mbps to each of the schools and 300 Mbps for the backhaul to the School Board. Further options are available for negotiation providing a full 1 Gigabyte to each of the schools and for the backhaul to the School Board. All of the bandwidth offerings discussed are committed information rates (CIR) and should not fall below the proposed speeds.

The amount of bandwidth offered in some solutions may exceed that which was requested. The reason for the increased amounts is due to the increase in the use of networks in the school system. Traditionally, networks were primarily used for passing data. In a school system today, however, the data networks are used for Voice Over IP Networking, distance learning & educational, video conferences and video streaming of educational material. With the addition of these services, bandwidth requirements increase rapidly.

One analogy that can be made is that of the computer. As computer manufacturers put faster processors, more RAM and more storage space computers, the programmers created larger and larger software to utilize the resources. The same can be said about data networks. At one time, a 9600 baud modem was quite sufficient when compared to the 300 and 1200 baud modems. Fortunately, the majority of data was simply text messages and numbers being sent across the networks. But as the World Wide Web (WWW)

exploded in the early 1990s, there was a need for faster connections. Broadband to the home is becoming common place today using cable modems and xDSL lines. Some communities are even offering fiber optics to the curb. As implied earlier, the more bandwidth allocated the media that will become available to consume that bandwidth.

2.2.2 IP Addressing

Existing subnets in schools are not affected by the introduction of the Wireless WAN.

2.3 Internet Connectivity

2.3.1 Bandwidth

Skyrider is proposing a wide range of bandwidth options to school systems around the state. Skyrider's T1 internet access facilities are point-to-point landline based and wireless or fiber point-to-point DS3 links for higher speeds. The bandwidth options range from 1.5 Mbps (T1) to 45 Mbps (full DS3).

2.3.2 Reporting

As part of Skyrider's internet service offering, customers can receive monthly reports at no additional cost. These reports are generated by a network traffic manager, and can supply information for all of the common network service metrics.

In addition to providing common network metrics, Skyrider can offer (AIS) Advanced Internet Site reporting that provides details on which sites are hit most often, information concerning hits on specific web sites, which computers generated the most traffic, and many other details that might be of interest to network administrators as well as other offices within school districts.

2.3.3 Internet IP Addressing

Need to use our own IP Address
Skyrider can provide 32 public IP addresses without any justification. If more than 32 public addresses are requested, UUNet, and thus Skyrider, requires written justification to be filed and approved prior to delivering the additional addresses. Given that most school systems currently use fewer than 10 public addresses, the 32 restriction should not be a problem. Skyrider will generally assign 16 public IP addresses should a contract be signed.

2.3.4 Firewall Service

Skyrider can offer network based firewall services that helps to remove the network administrator's pain of managing the firewall. These capabilities provide protection from intrusion and can give the customer peace of mind.

2.3.5 Advanced Internet Site reporting

In addition to providing common network metrics, Skyrider can offer Advanced Internet Site reporting that provides details on which sites are hit most often, information concerning hits on specific web sites, which computers generated the most traffic, and many other details that might be of interest to network administrators.

2.4 Skyrider Wireless Security

Security is an area of concern for those considering the use of fixed wireless devices to transmit data. Because fixed wireless bridges transmit signals into the "air," the perception has been that anyone could receive and possibly "steal" the user's data. Skyrider's wireless Ethernet bridges provide exceptional throughput while minimizing the possibility of security breaches. From the beginning, security was a central focus for the Skyrider design team. The results: A robust security framework featuring a variety of countermeasures which support Internet and a Wide Area Network's rigorous security strategy.

2.4.1 Password Protection

Skyrider's carrier grade backhaul radios includes two levels of password protection with one for monitor and a second password providing monitor/modify privileges. This dual-level password protection enables staff in the field to monitor performance and check diagnostics while keeping critical information restricted to system managers.

2.4.2 Transmission Protection

Skyrider's radio's transmission signal is so unique that it requires another uniquely seeded bridge or router to receive and decode the signal. The Ethernet and T1/E1 traffic (along with associated specialized control & monitoring information for the link) is assembled in a proprietary framing structure and sent to the receiving bridge. The data remains encoded until it is received and disassembled by the authorized bridge at the other end.

Data is scrambled in a nearly random pattern prior to transmission and subsequently processed by a Forward Error Correction encoder before being sent. This encoder adds specific bits of data to the information being transmitted: bits which are subsequently processed by the receiving bridge to ensure data integrity. These bits appear to be random but are actually used to correct errors in transmission and maintain 1×10^{-12} BER.

One basic tenet of the fixed wireless technology used by Skyrider is the requirement for "line of sight." Our radios transmitting and receiving antennas communicate through a relatively narrow radio frequency (RF) beam. This directional point-to-point RF approach is in stark contrast to some omni-directional antennas used in "mobile" environments where anyone in the vicinity could receive the signal. With Skyrider, only an antenna firmly in the focused RF target area could receive information. By its very nature, our exclusive microwave backhaul radios use point-to-point wireless technology that minimizes the opportunity for intrusion.

2.4.3 Data Coding

One of the most powerful aspects of our radio's security features is data coding. Potential intruders would have to obtain a unique data transmission code sequence set by the administrator. We provide a binary security function that can provide up to 768 security

coding for data being transmitted. This coding is set by the administrator and can be changed in a secure fashion using a web browser or via SNMP using existing System & Network Management software. If someone attempted to break a radios security coding, it is estimated that it would take about 45 million years to try all of the possible codes.

The sending wireless device "handshakes" with the receiving unit, at one second intervals, to verify that the user-assigned code matches. To protect this code further, the code is sent – not in clear text – but in an encoded fashion. If the code comparison does not match, then the subscriber immediately terminates transmission, causing any IP traffic to cease flowing in either direction. At any time, through the use of SNMP and/or the HTTP user interface, the system manager can change the security code remotely in order to add another level of protection.

2.4.4 Enhanced Security Options

Third party products can be added to our security framework to further encrypt the data stream. Products such as a DES (Data Encryption Standard) device, can provide two levels of encryption with either a 56-bit or 168-bit key. Configurations including such products require a device at each end of the link to affect the data portion of the Ethernet packets. NetHawk is IEEE 802.3 compliant and connects flawlessly with our devices.

2.4.5 Sky rider Communications and 802.11: Apples & Oranges

The IEEE standard for wireless LAN communications, 802.11, was recently featured in the news when the Wireless Equivalent Privacy (WEP) protocol used by 802.11 was discovered to have flaws. These flaws left the 802.11 technology vulnerable to attacks that could decrypt traffic. The 802.11 technology is used predominately in point-to-multipoint applications such as wireless LAN connectivity for PCs and local LAN devices.

Our devices are very different than the devices impacted by 802.11 because our manufacturer's design focus has been and continues to be on point-to-point communications rather than point-to-multipoint communications. We adhere to 802.3 standards and use a different security scheme than used by 802.11 devices. The proprietary nature of our manufacturer's technology precludes challenges such as that encountered by 802.11 and WEP technology.

2.4.6 Additional Proposals

In addition to the wireless broadband security, Sky rider offers the option of building GRE or IPSEC tunnels between its locations to encrypt the traffic end-to-end. It is the desire of Sky rider to co-develop a security policy with the school district that meets their requirements and matches or compliments our delivery service.

2.5 System Monitoring

Skyrider's approach to system monitoring is proactive. Skyrider proposes an onsite monitoring station that will serve several functions on our resources including, but not limited to: device configuration and backup, device health, threshold monitoring, event notification, and local and remote control (over the Internet).

In addition to Skyrider's standard network monitoring, Skyrider can provide customized views, notifications, and reporting at an additional cost based on tailoring the reporting to the districts exact needs.

2.6 Quality of Service and Scalability

Skyrider recommends to co-develop an end-to-end QoS model with the school district using their existing infrastructure or newly implemented Cisco 3550 and Allied Telesyn Layer 3 devices and our core Cisco products and Proxim wireless radios to classify, mark, and prioritize IP voice or video over IP data traffic.

One approach could be to configure the school's with Cisco 3550 or Allied Telesyn Routers and the central office to classify, mark, and prioritize the IP voice or video traffic before being injected into the wireless wide area network (WWAN) and allowing that marking to be carried untouched so that the WWAN can make priority queue decisions as well when the prioritized IP voice or video traffic has reached its destination and since the marking is untouched from the original classification now the destination local area network (LAN) can make priority queue decisions creating an end-to-end QoS policy.

Skyrider is proposing Proxim, Cisco, and Allied Telesyn device that have intelligence capability to distinguish and prioritize traffic. The Proxim radios will be used for both the multipoint configuration from the school's to a centralized tower, point-to-point configuration between towers creating a physical and logical ring topology, and point-to-point configuration between the ring topology and the school board office as depicted in Network Diagrams. The Cisco devices will be a fixed form switch probably a Catalyst 3550 at the base of each tower where each of the corresponding tower's radios will be connected each forming a virtual 10/100/1000 Ethernet segment between each location.

SECTION F. INSTALLATION

3 Wireless Installation Process

3.1 Preliminary Pre-Approval Concerns

Making a successful switch from one Service Provider to another is a huge concern for every new client we "cut-over". For some districts it is as simple as applying for the current configuration already in place as well as applying for the advanced wireless technology with Skyriders. This is perfectly allowed within the guidelines and parameters of the E-rate process. The purpose is to have your current service continued into the new year until the incoming service provider is approved to be your vendor under E-rate, which can often take several months into the new school year.

Some districts may fear that the "old" or current service provider may opt to discontinue the service that they are currently being offered (at the end of the school year). No longer entering into a partial contract for the new year because of the districts decision to award the contract to another alternate service provider. The concern is that the district will be left for several months with no Internet or WAN connectivity while awaiting our wireless solutions approval by E-rate.

In order to alleviate any major reservations to doing business with Skyriders we have made a decision to supply the districts with seamless connectivity or bandwidth meeting or exceeding their configuration with installation occurring during the summer months while awaiting the wireless solutions approval by E-rate. Typically this involves an overlay of T1's and Internet access via a month to month wired T1 agreement with the local telephone company (i.e. BellSouth). Skyriders will also terminate a new T1 or fiber to our POP instead of the districts communication line to the current ISP's POP (i.e. the former or vendor). This minor configuration will result in our promise to keep the school district connected without disruption. This will also take place at NO ADDITIONAL charge to the school district in return for their good faith decision to switch to Skyriders Communications, Inc.

3.2 Installation Process

Every successful project begins with proper planning and project management. It is Skyriders' intention to provide the schools with a successful system rollout. This is accomplished by proper project management and by utilizing a staff of over 30 highly seasoned veterans in communication technology.

By working closely with the districts staff during the installation process, Skyriders can be a valuable resource to keep the team informed of the latest and greatest technologies. By doing this, Skyriders can guarantee that the technology implemented has the capability to be updated and enhanced in the future. This should give **Jefferson Davis Parish School System** the confidence that their new wireless network will not become obsolete as soon as the installation is complete.

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Skyrider views the installation as a five step process:

1. Preliminary Network Design
2. Final Network Planning
3. Staging & Pre-configuration
4. Network Installation
5. Post Installation Support

By following this procedure, Skyrider can ensure a successful deployment. Each of the five steps is described in the following sections.

3.2.1 Step 1: Preliminary Network Design

This step is normally conducted closer to the signing of a contract; however in the case of **Jefferson Davis Parish School System**, the preliminary site survey has been performed already. This first step in the process requires a physical survey of the customer's premises to identify the best possible locations to install subscriber units and to ensure 100% wireless coverage throughout the district, along with maximum performance, within the desired area.

When considering the use of wireless equipment, it is extremely difficult to predict the propagation of radio waves and detect the presence of interfering signals without the use of specialized test equipment. As a result, Skyrider has already performed several RF site surveys to understand fully the behavior of the proposed radios within confines of **Jefferson Davis Parish School District**.

The alternate goal of an RF site survey is to gather enough information and data to determine the number and placement of Base Stations that will provide the coverage necessary. Coverage necessary usually means the support of a minimum data rate in a given area. An RF site Survey has also been performed to detect the presence of radio interference coming from other sources (i.e. Wireless LAN's) that could degrade the performance of the Wireless WAN. This is done so as not to leave any portion of the deployment up to chance.

To ensure the accuracy of the final site survey report that Skyrider performs, only the latest and most sophisticated equipment is used. Spectrum Analyzers are used as a guiding tool to begin the survey. Afterwards, actual equipment is tested and retested, and then finally a report is generated to help budget the network costs. We have already performed a spectrum analysis and have seen nothing other than favorable results within **Jefferson Davis** that are conducive to a **Wireless WAN** in your district. A copy of the spectrum analysis is entered into Attachment D.

3.2.2 Step 2: Final Network Planning

This step usually begins shortly after a contract has been signed. The first thing that happens is the assignment of a project manager. It is the project manager's job to keep the rest of the process on track and on schedule. This step is of the utmost importance considering the magnitude of these outdoor carrier grade networks. Skyriders will design the network infrastructure to fit the specific terrain. Using the information obtained during the site survey, and the pre-contract cost analysis. Skyriders will design a network for your specific environment that will ensure complete propagation to each of your locations. Having already installed networks in some very harsh and unusual locations, there are very few challenges the Skyriders team has yet to face.

Placement of the base stations on the towers is a crucial decision, as it determines the number of subscriber locations you can communicate with currently and in the future. It also ensures that highly trafficked locations are covered properly. With the level of expertise our technicians have, they will locate these base stations, and make sure the coverage provided in all areas takes into account their high level of priority and importance.

Most areas in the district will actually be served by more than one base station, so if a base station should go down for any period of time, the wide area network connection will automatically be transferred to a running base station, nearly undetected by the end users.

3.2.3 Step 3: Staging & Pre-configuration

Before the actual installation, Skyriders will prepare all devices to ensure all units are configured properly and are in working order.

Though Staging seems like an extra step, it is one of the most important steps in the installation process. This extra step makes sure when the hardware arrives at your facility, the installed base stations are in working order and will provide the proper coverage to their destinations. Staging allows Skyriders to create a wireless network seamlessly allowing your network to stay up and running without any delays in realizing uptime.

3.2.4 Step 4: Network Installation

Based on the size of Jefferson Davis Parish School System's WAN and the placement of base stations, a complete wireless network infrastructure could be set up in under 1 month. During this time, Skyriders will install your wireless data connections, test and certify its operation. At completion, the installation will be documented for future reference.

The installation phase is the most physically demanding phase of the project. Using the survey report, the installation should be a smooth process. The base stations and

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antennas will be installed at the facility using the marked up drawing made after the site survey. Usually, the higher the base stations and antennas are mounted, the better the signal will propagate.

Some of the activities that will take place during the installation include but are not limited to:

- Mounting of base stations
- Installation of monopoles at the facilities
- Mounting of subscriber antennas
- Connection of antennas to subscriber units
- Connection of Backbone LAN to subscriber units
- Connection of power to subscriber units
- Installation and connection of remote power systems
- Verification of coverage
- Configuration of base stations / termination sites and hardware to include:
 - Proper firmware level
 - Radio information (system ID, channel, bit rate)
 - IP addresses (provided by customer or us if we provide your backbone)
 - Verification of backbone connectivity
 - Propagation Checks

All cabling and power runs will be in place and tested prior to the installation of the subscriber sites. After completing the installation, testing for proper operation and coverage may indicate the need to move base stations and possibly use different settings. Finally, documentation on all the system hardware and software will be provided to the IT staff as an aid to be used when supporting the operational system. This includes a copy of the blueprints of the network, so you know exactly where the wireless devices are located and how the network is set-up.

3.2.5 Step 5: Post Installation Support

This step is added so that our customers understand that our relationship does not end when we complete the installation. Skyrider fully guarantees all of our high-quality offerings. We provide the complete turnkey solution for implementing your WAN. We not only get your WAN up and running, we also provide 24/7 proactive monitoring to ensure that it stays up and running. To the majority of your staff, the only difference they should notice is that there will no longer be wired T1 lines coming into the demarcation.

While we hope you would never need to contact us to report a problem, we know this may not be the case all of the time. Any issues that may arise, or further needs in wireless networks, can be addressed by any Skyrider Technician.

3.3 Training

Skyrider has professional consultants on staff with real world, radio frequency and Layer 3 routing experience. We provide an all-inclusive system training program for your IT

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support staff. This will prove to be very beneficial during the transitioning from current architecture to proposed Wireless WAN architecture to allow a smooth as possible support model.

Most of the training that will need to be performed will take place at a **Jefferson Davis Parish School System** facility with the IT support staff. They will be trained in Tier 1 support so that they can recognize any problems that would arise allowing the network to stay up and running more than 99.99% of the time. As stated elsewhere in this proposal, Sky rider will be proactively monitoring the **Jefferson Davis Parish School System** network to counter act any foreseeable issues prior to any down time.

3.4 Project Schedule

ID	Top-Level Task	Sub-Task	Duration	Responsible
	Preliminary Network Design			Network Design Team
1		Review of Site Survey Documentation	1 Week	Wayne Kairdolf
2		Physical site survey	3 Days	Zack Grisham
3		Determine number and placement of stations	1 Week	Dustin Brooks
4		Final Site Survey development and submittal	1 Week	Wayne Kairdolf
	Final Network Planning			Network Design Team
5		Assignment of Project Manager	1 Day	Wayne Kairdolf
6		Location of base stations	2 Day	Tower Team
7		Final Project Plan development and submittal	2 Weeks	Dustin Brooks
	Staging and Pre-Configuration			Installation Team
8		Staging and Configuration	3 Days	Ray Best

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ID	Top-Level Task	Sub-Task	Duration	Responsible
9		Testing	1 Week	Ray Best
	Installation			Installation Team
10		Base Station mounting	1 Week	Matt Skinner
11		Monopole installation	3 Weeks	Danny Grisham
12		Antenna connection to subscriber units	1 Week	Matt Skinner
13		Backbone LAN connection to subscriber units	2 Days	Ray Best
15		Power connection to subscriber units	3 Days	Ray Best
16		Installation and connection of remote power systems	3 Days	Ray Best
17		Verification of Coverage	3 Days	Dustin Brooks
18		Base Station / Termination Site Configuration	1 Week	Dustin Brooks
19		1. Verify proper firmware level	1 Day	Ray Best
20		2. Verify Radio information	1 Day	Ray Best
21		3. Verify IP addresses	2 Days	G. Goddard
22		4. Verify backbone connectivity	1 Day	Dustin Brooks
23		5. Propagation Checks	1 Day	Dustin Brooks
24		As-built blueprints developed and submitted	1 Week	Lonnie Leger
	Post-Installation Support			Customer and Sky rider Management Team

ID	Top-Level Task	Sub-Task	Duration	Responsible
25		Maintenance Plan Development	1 Day	

3.5 Facility Coordination

Facility installations will be coordinated with the designated **Jefferson Davis Parish School System** representative(s).

3.6 Liability

Skyrider Communications is fully insured as an additional insured under its parent companies policy.

Copies of Skyrider Communications' Certificate of Insurance showing Liability and Workman's Compensation Coverage are available in Attachment E.

SECTION G. TERMS, MAINTENANCE, AND SUPPORT

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4 Terms, Maintenance, and Support

4.1 Contract Terms

Entrance into any formal agreement/contract is dependent on School Board approval, e-rate funding, and appropriation of funds by the district.

In accordance with the RFP, pricing has been submitted in Section 5. Any terms less than three or five years would be cost prohibited due to the large amount of capital expenditure required to set up the network, however they can be negotiated.

4.2 Maintenance

With Skyriders 24 by 7 monitoring facility, the majority of problems that may arise will be diagnosed and repaired remotely. If the problem cannot be repaired remotely, a technician will be dispatched immediately. We will proudly administer repairs with the 4 hour response time requested and 24 hour fix time.

Jefferson Davis Parish School System will be given prior notice if the network needs to be taken down for repair or maintenance, and the work will be done either before or after hours during an agreed maintenance window.

4.3 Support

Though there will be many Skyriders Technicians assigned to set up the network, Jefferson Davis Parish School System will have one technician as your single point of contact for any questions you may have along the way to the higher speeds microwave wireless brings you and to help with any problems that may arise. While other Skyriders Technicians may assist in the site-survey, design, or installation of your network, you can rest assured that you are not a number; you are a name and a face. Skyriders is a large company with over 50 employees that simply prefers to act like a small one.

4.3.1 Support Contact List

Skyriders will always have at least 1 authorized service technician within a 50 mile radius of the district.

Skyriders will provide a "Single Point-of-Contact" as well as an escalation "chain-of-command" list to Jefferson Davis Parish School System if a contract is awarded.

4.3.2 Personnel

Skyriders and FamilyTel currently have a large technical staff that may be called upon by Jefferson Davis Parish School System in time of need. The staff will continue to grow in our wireless division over the next several years as more school systems, government agencies and enterprises move from the tethers of the wireline operators to our wireless networks.

5 Proposals

5.1 Billing

Skyrider Communications, Inc. will comply with Universal Service rules and bill the SLD and the school board separately for the proper proportions on each invoice when the service begins.

5.2 Pricing & Corresponding Diagrams

Skyrider Communications is pleased to offer the following proposals.

The first set of pricing is for a **WIRELESS WIDE AREA NETWORK** to replace the school point to point and frame T1's and the second set of pricing is for **FIBER based Internet Access**. The **WIRELESS WAN** pricing proposals presented in this document are listed for each site, but are based on winning a solution with serving ~~14 sites~~. If the school system determines to deploy fewer than at least 13 sites, pricing will have to be renegotiated. **THE WAN PRICING AND LOCATIONS IS A COMPLETELY SEPARATE PROPOSAL AND DOES NOT IMPACT THE INTERNET DS3 PRICING.**

The prices provided covers all the network components to achieve the bandwidths offered. No additional equipment will need to be purchased. No additional routers will be needed to purchase. No additional maintenance will be needed to purchase. As stated previously, Skyrider can provide **Jefferson Davis Parish School System** with customized views, notifications, and reporting at an additional cost based on tailoring the reporting to **Jefferson Davis Parish's** exact needs.

Please see the following pages for multiple year pricing proposals, the bandwidth options offered and no upfront installation charges options.

5.2.1 PRICING & SYSTEM DIAGRAM FOR:
WIDE AREA NETWORK
36 / 100 MEG STAR TOPOLOGY

STAR TOPOLOGY

36 MEG / 100 MEG


FENTON
ELEMENTARY SCHOOL


LACASSINE
HIGH SCHOOL

36 MEG CELL

WELSH
HIGH /ELEM


WELSH -ROANOKE
JUNIOR HIGH




HATHAWAY
HIGH SCHOOL

36 MEG CELL

ELTON
SCHOOLS

36
MEG

36
MEG

36 MEG CELL

JENNINGS SCHOOLS
& TECH CENTER

100
MEG


SCHOOL
BOARD

SKYRIDER 
COMMUNICATIONS

36 MEG CELL

LAKE ARTHUR
SCHOOLS

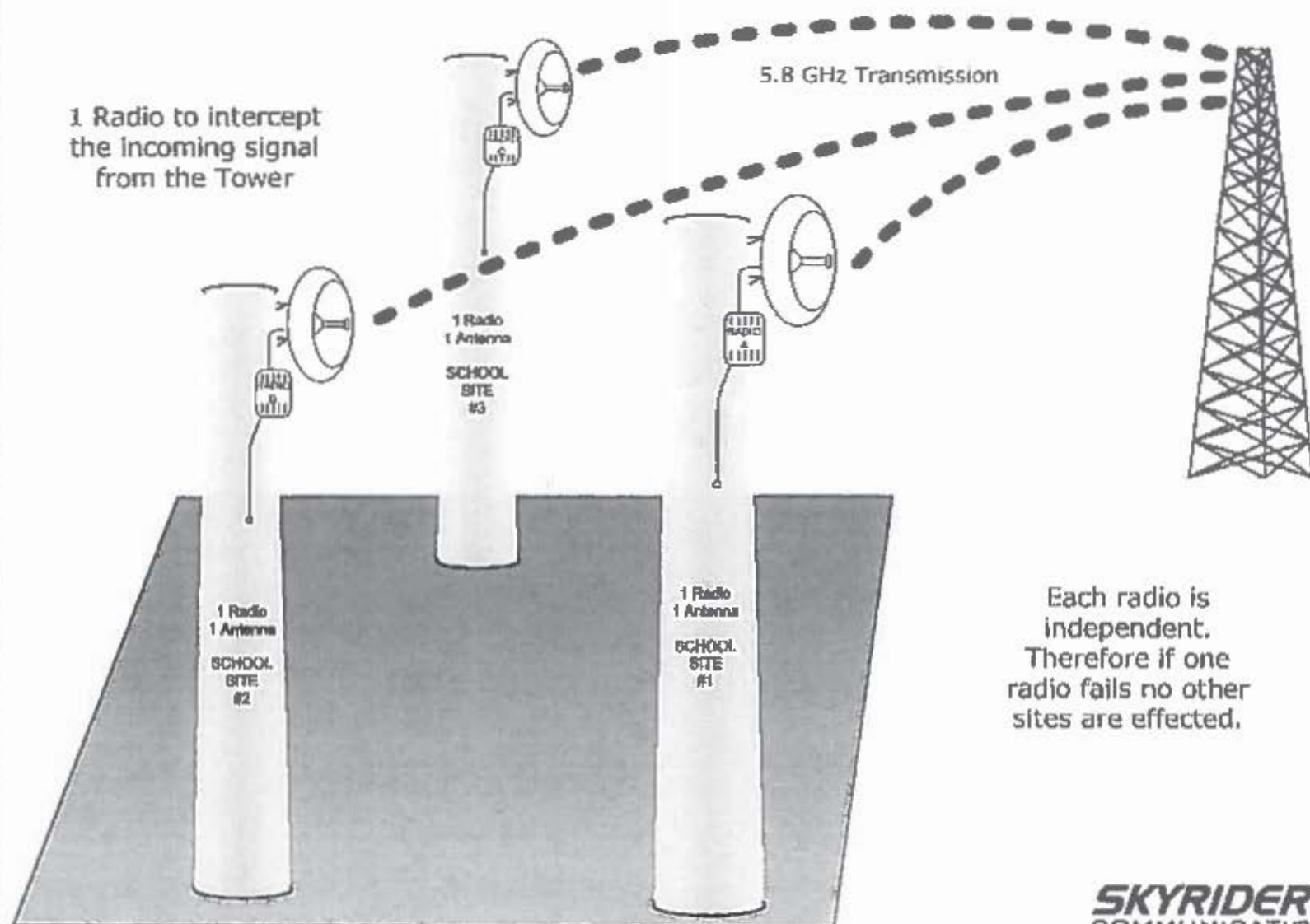
* NOT DRAWN TO SCALE

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36 MEG INDEPENDENT STAR TOPOLOGY

1 Radio to intercept
the incoming signal
from the Tower



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Wide Area Network Pricing Proposal 1

Bandwidth: 36 Mbps Schools & 100 Mbps Central Office

Contract Term: 5 Years with STANDARD Installation Charges

Product/Service Proposal #4	# of Sites	Monthly Per Site Cost	Total Monthly Cost	District Total Monthly Cost*	Total Yearly Cost	District Total Yearly Costs*	PER SITE 1 Time Install Costs	District 1 Time Installation Cost*
Pricing based on 5 Year Term								
Central Office 100 Mbps	1	\$489.00	\$489.00	\$117.36	\$5,868.00	\$1,408.32	\$2,998.00	\$719.52
School Sites 36 Mbps Star Topology	14	\$489.00	\$6,846.00	\$1,643.04	\$82,152.00	\$19,716.48	\$2,998.00	\$719.52
TOTAL COST	15		\$7,335.00	\$1,760.40	\$88,020.00	\$21,124.80	\$44,970.00	\$10,792.80

Wide Area Network Pricing Proposal 2

Bandwidth: 36 Mbps Schools & 100 Mbps Central Office

Contract Term: 5 Years with NO Installation Charges

Product/Service Proposal #3	# of Sites	Monthly Per Site Cost	Total Monthly Cost	District Total Monthly Cost*	Total Yearly Cost	District Total Yearly Costs*	PER SITE 1 Time Install Costs	District 1 Time Installation Cost*
5 Year Term (No Install)								
Central Office 100 Mbps	1	\$589.00	\$589.00	\$141.36	\$7,068.00	\$1,696.32	\$0.00	\$0.00
School Sites 36 Mbps Star Topology	14	\$589.00	\$8,246.00	\$1,979.04	\$98,952.00	\$23,748.48	\$0.00	\$0.00
TOTAL COST	15		\$8,835.00	\$2,120.40	\$106,020.00	\$25,444.80	\$0.00	\$0.00

Wide Area Network Pricing Proposal 3

Bandwidth: 36 Mbps Schools & 100 Mbps Central Office

Contract Term: 3 Years with STANDARD Installation Charges

Product/Service Proposal #2	# of Sites	Monthly Per Site Cost	Total Monthly Cost	District Total Monthly Cost*	Total Yearly Cost	District Total Yearly Costs*	PER SITE 1 Time Install Costs	District 1 Time Installation Cost*
3 Year Term								
Central Office 100 Mbps	1	\$589.00	\$589.00	\$141.36	\$7,068.00	\$1,696.32	\$2,998.00	\$719.52
School Sites 36 Mbps Star Topology	14	\$589.00	\$8,246.00	\$1,979.04	\$98,952.00	\$23,748.48	\$2,998.00	\$719.52
TOTAL COST	15		\$8,835.00	\$2,120.40	\$106,020.00	\$25,444.80	\$44,970.00	\$10,792.80

Wide Area Network Pricing Proposal 4

Bandwidth: 36 Mbps Schools & 100 Mbps Central Office

Contract Term: 3 Years with NO Installation Charges

Product/Service Proposal #1	# of Sites	Monthly Per Site Cost	Total Monthly Cost	District Total Monthly Cost*	Total Yearly Cost	District Total Yearly Costs*	PER SITE 1 Time Install Costs	District 1 Time Installation Cost*
3 Year Term (No Install)								
Central Office 100 Mbps	1	\$589.00	\$589.00	\$165.36	\$8,268.00	\$1,984.32	\$0.00	\$0.00
School Sites 36 Mbps Star Topology	14	\$589.00	\$9,546.00	\$2,315.04	\$115,752.00	\$27,780.48	\$0.00	\$0.00
TOTAL COST	15		\$10,335.00	\$2,480.40	\$124,020.00	\$29,764.80	\$0.00	\$0.00

* Your cost is based on Year Six (2004-2005) E-rate funding at 76%.

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Wide Area Network Pricing Proposal 1

Bandwidth: 36 Mbps Schools & 100 Mbps Central Office

Contract Term: 5 Years with STANDARD Installation Charges

Product/Service Proposal #4	# of Sites	Monthly Per Site Cost	Total Monthly Cost	District Total Monthly Cost*	Total Yearly Cost	District Total Yearly Costs*	PER SITE 1 Time Install Costs	District 1 Time Installation Cost*
Pricing based on 5 Year Term								
Central Office 100 Mbps	1	\$489.00	\$489.00	\$117.36	\$5,868.00	\$1,408.32	\$2,996.00	\$719.52
School Sites 36 Mbps Star Topology	17	\$489.00	\$8,313.00	\$1,995.12	\$99,756.00	\$23,941.44	\$2,996.00	\$719.52
TOTAL COST	18		\$8,802.00	\$2,112.48	\$105,624.00	\$25,349.76	\$53,992.00	\$12,951.36

Wide Area Network Pricing Proposal 2

Bandwidth: 36 Mbps Schools & 100 Mbps Central Office

Contract Term: 5 Years with NO Installation Charges

Product/Service Proposal #3	# of Sites	Monthly Per Site Cost	Total Monthly Cost	District Total Monthly Cost*	Total Yearly Cost	District Total Yearly Costs*	PER SITE 1 Time Install Costs	District 1 Time Installation Cost*
5 Year Term (No Install)								
Central Office 100 Mbps	1	\$589.00	\$589.00	\$141.36	\$7,068.00	\$1,898.32	\$0.00	\$0.00
School Sites 36 Mbps Star Topology	17	\$589.00	\$10,013.00	\$2,403.12	\$120,156.00	\$28,837.44	\$0.00	\$0.00
TOTAL COST	18		\$10,602.00	\$2,544.48	\$127,224.00	\$30,735.76	\$0.00	\$0.00

5.2.2 PRICING & SYSTEM DIAGRAM FOR:
WIDE AREA NETWORK
60 / 300 MEG STAR TOPOLOGY

STAR TOPOLOGY

60 MEG / 300 MEG




FENTON
ELEMENTARY SCHOOL


LACASSINE
HIGH SCHOOL

60 MEG CELL
 
WELSH
HIGH /ELEM







WELSH -ROANOKE
JUNIOR HIGH

HATHAWAY
HIGH SCHOOL 

60 MEG CELL
 
ELTON
SCHOOLS

60
MEG

60
MEG

60 MEG CELL
 
  
JENNINGS SCHOOLS
& TECH CENTER

300
MEG


SCHOOL
BOARD

60 MEG CELL

 
LAKE ARTHUR
SCHOOLS

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* NOT DRAWN TO SCALE

60 MEG INDEPENDENT SITES

1 Radio to intercept
the incoming signal
from the Tower

5.8 GHz Transmission

1 Radio
1 Antennas
SCHOOL
SITE
#1

1 Radio
1 Antennas
SCHOOL
SITE
#2

1 Radio
1 Antennas
SCHOOL
SITE
#1

Each Radio is
independent.
Therefore if one
radio fails no other
sites are effected.

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Wide Area Network Pricing Proposal 5

Bandwidth: 60 Mbps Schools & 300 Mbps Central Office

Contract Term: 5 Years with STANDARD Installation Charges

Product/Service Proposal #3								
Pricing based on 5 Year Term	# of Sites	Monthly Per Site Cost	Total Monthly Cost	District Total Monthly Cost*	Total Yearly Cost	District Total Yearly Costs*	PER SITE 1 Time Install Costs	District 1 Time Installation Cost*
Central Office 300 Mbps	1	\$589.00	\$589.00	\$141.36	\$7,068.00	\$1,896.32	\$3,998.00	\$959.52
School Sites 60 Mbps Star Topology	14	\$589.00	\$8,246.00	\$1,979.04	\$98,952.00	\$23,748.48	\$3,998.00	\$959.52
TOTAL COST	15		\$8,835.00	\$2,120.40	\$106,020.00	\$25,444.80	\$59,970.00	\$14,392.80

Wide Area Network Pricing Proposal 6

Bandwidth: 60 Mbps Schools & 300 Mbps Central Office

Contract Term: 5 Years with NO Installation Charges

Product/Service Proposal #7								
5 Year Term (No Install)	# of Sites	Monthly Per Site Cost	Total Monthly Cost	District Total Monthly Cost*	Total Yearly Cost	District Total Yearly Costs*	PER SITE 1 Time Install Costs	District 1 Time Installation Cost*
Central Office 300 Mbps	1	\$689.00	\$689.00	\$185.38	\$8,268.00	\$1,984.32	\$0.00	\$0.00
School Sites 60 Mbps Star Topology	14	\$689.00	\$9,646.00	\$2,315.04	\$115,752.00	\$27,780.48	\$0.00	\$0.00
TOTAL COST	15		\$10,335.00	\$2,480.40	\$124,020.00	\$29,764.80	\$0.00	\$0.00

Wide Area Network Pricing Proposal 7

Bandwidth: 60 Mbps Schools & 300 Mbps Central Office

Contract Term: 3 Years with STANDARD Installation Charges

Product/Service Proposal #5								
3 Year Term	# of Sites	Monthly Per Site Cost	Total Monthly Cost	District Total Monthly Cost*	Total Yearly Cost	District Total Yearly Costs*	PER SITE 1 Time Install Costs	District 1 Time Installation Cost*
Central Office 300 Mbps	1	\$849.00	\$849.00	\$203.76	\$7,788.00	\$1,869.12	\$4,998.00	\$1,199.52
School Sites 60 Mbps Star Topology	14	\$849.00	\$9,086.00	\$2,180.64	\$109,032.00	\$26,167.68	\$4,998.00	\$1,199.52
TOTAL COST	15		\$9,735.00	\$2,384.40	\$116,820.00	\$28,036.80	\$74,970.00	\$17,992.80

Wide Area Network Pricing Proposal 8

Bandwidth: 60 Mbps Schools & 300 Mbps Central Office

Contract Term: 3 Years with NO Installation Charges

Product/Service Proposal #5								
3 Year Term (No Install)	# of Sites	Monthly Per Site Cost	Total Monthly Cost	District Total Monthly Cost*	Total Yearly Cost	District Total Yearly Costs*	PER SITE 1 Time Install Costs	District 1 Time Installation Cost*
Central Office 300 Mbps	1	\$849.00	\$849.00	\$203.76	\$10,188.00	\$2,445.12	\$0.00	\$0.00
School Sites 60 Mbps Star Topology	14	\$849.00	\$11,886.00	\$2,852.64	\$142,632.00	\$34,231.68	\$0.00	\$0.00
TOTAL COST	15		\$12,735.00	\$3,056.40	\$152,820.00	\$36,676.80	\$0.00	\$0.00

* Your cost is based on Year Six (2003-2004) E-rate funding at 76%.

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5.2.3 INTERNET ACCESS PRICING:

Internet Access Proposal 1

Contract Terms: Five Years

Standard Internet Service

Location	Bandwidth Proposed	One-Time Installation	Monthly Recurring	Your Installation Cost*	Your Recurring Cost*
Central Office - (NOC)	T1 1.5 Mbps	\$0.00	\$799.00	\$0.00	\$191.76
Central Office - (NOC)	DS3 3 Mbps	\$0.00	\$1,999.00	\$0.00	\$479.76
Central Office - (NOC)	DS3 4.5 Mbps	\$0.00	\$2,399.00	\$0.00	\$575.76
Central Office - (NOC)	DS3 6 Mbps	\$0.00	\$2,599.00	\$0.00	\$623.76
Central Office - (NOC)	DS3 9 Mbps	\$0.00	\$3,199.00	\$0.00	\$767.76
Central Office - (NOC)	DS3 15 Mbps	\$0.00	\$3,999.00	\$0.00	\$959.76

Internet Access Proposal 2

Contract Terms: Three Years

Standard Internet Service

Location	Bandwidth Proposed	One-Time Installation	Monthly Recurring	Your Installation Cost*	Your Recurring Cost*
Central Office - (NOC)	T1 1.5 Mbps	\$999.00	\$848.00	\$239.76	\$203.52
Central Office - (NOC)	DS3 3 Mbps	\$999.00	\$2,048.00	\$239.76	\$491.52
Central Office - (NOC)	DS3 4.5 Mbps	\$999.00	\$2,448.00	\$239.76	\$587.52
Central Office - (NOC)	DS3 6 Mbps	\$999.00	\$2,648.00	\$239.76	\$635.52
Central Office - (NOC)	DS3 9 Mbps	\$999.00	\$3,248.00	\$239.76	\$779.52
Central Office - (NOC)	DS3 15 Mbps	\$999.00	\$4,048.00	\$239.76	\$971.52

Internet Access Proposal 3

Contract Terms: Five Years

Standard Internet Service with Bundled Firewall Service

Location	Bandwidth Proposed	One-Time Installation	Monthly Recurring	Your Installation Cost*	Your Recurring Cost*
Central Office - (NOC)	T1 1.5 Mbps	\$4,499.00	\$1,098.00	\$1,079.76	\$263.52
Central Office - (NOC)	DS3 3 Mbps	\$4,499.00	\$2,298.00	\$1,079.76	\$551.52
Central Office - (NOC)	DS3 4.5 Mbps	\$4,499.00	\$2,698.00	\$1,079.76	\$647.52
Central Office - (NOC)	DS3 6 Mbps	\$4,499.00	\$2,898.00	\$1,079.76	\$695.52
Central Office - (NOC)	DS3 9 Mbps	\$4,499.00	\$3,498.00	\$1,079.76	\$839.52
Central Office - (NOC)	DS3 15 Mbps	\$4,499.00	\$4,298.00	\$1,079.76	\$1,031.52

Internet Access Proposal 4

Contract Terms: Three Years

Standard Internet Service with Bundled Firewall Service

Location	Bandwidth Proposed	One-Time Installation	Monthly Recurring	Your Installation Cost*	Your Recurring Cost*
Central Office - (NOC)	T1 1.5 Mbps	\$5,498.00	\$1,147.00	\$1,319.52	\$275.28
Central Office - (NOC)	DS3 3 Mbps	\$5,498.00	\$2,347.00	\$1,319.52	\$563.28
Central Office - (NOC)	DS3 4.5 Mbps	\$5,498.00	\$2,747.00	\$1,319.52	\$659.28
Central Office - (NOC)	DS3 6 Mbps	\$5,498.00	\$2,947.00	\$1,319.52	\$707.28
Central Office - (NOC)	DS3 9 Mbps	\$5,498.00	\$3,547.00	\$1,319.52	\$851.28
Central Office - (NOC)	DS3 15 Mbps	\$5,498.00	\$4,347.00	\$1,319.52	\$1,043.28

* Your cost is based on Year Six (2004-2005) E-rate funding at 76%. Information on Year

**SECTION I. ADDITIONAL IDEAS AND
OFFERINGS/SUPPORTING DOCUMENTATION**

6 Additional Offerings

With increasing use of technology in today's school environment, comes an increase of bandwidth requirements. The use of Wireless technology can aide a school district in it's quest to better provide networking services to all of it's sites.

Traditionally, people think of Wireless as the "thing that connects the laptop to the internet." While this stands true, many other variations exist. The original IEEE 802.11b standard provides up to 11 Mbps of raw data throughput to a connected end user. With the technology available to SkyRider Communications, speed up to 960 Mbps can be achieved. The increase in bandwidth can be harnessed to provide a multitude of application services, and other network services to school districts and individual sites.

With today's increase in connected computers in school sites, the use of the Internet has increased quite dramatically. The use of wireless technology can be used in this application to replace traditional terrestrial copper T-1 lines that provide a finite amount of bandwidth.

Usage of telephones has also increased inside of school districts. Some school districts maintain over 100 voice lines. Most of these lines are used for communications from school sites to the central office. Wireless technology can be harnessed in this application by utilizing Voice over Internet Protocol (VoIP) technology. Today's wireless technology can provide more than enough bandwidth for VoIP.

Some school districts are beginning to experiment with Distance Learning technologies. With the use of traditional T-1 lines in the past, the use of this technology was prohibited simply by not enough bandwidth. Through the use of wireless network infrastructure, Distance learning can be implemented district wide quite easily. Districts also don't have to be limited to intra-network video communications. Through the use of the Internet, Video communications and Distance Learning can be achieved State, Country, or World Wide.

Most school districts are accustomed to purchasing file and application servers for each school site, due to bandwidth limitations of their network infrastructure. With the bandwidth available to school districts through a Wireless infrastructure, a school district could deploy its servers at one location. This takes a great deal of administrative load off of the technical staff. The technical staff can then be free to perform more important duties. This doesn't apply to servers alone. Thin Clients can be deployed to further decrease the administrative load on technical staff. Not only does this decrease administrative load, but maintenance and warranty issues.

Wireless networks also offer a much faster provisioning time than traditional wireline networks. Depending on size, copper and fiber based networks can take up to two years to complete. The same size wireless networks can be complete in a matter of months.

Through the use of today's Cutting Edge Wireless Technology, all of these things and more can be provided to any given school district over a single connection to each site. Wireless technology can be used to build the most resilient, fault tolerant wide area networks.

SkyRider Communications can not only assistance planning networks to meet a district's current requirements, we are pleased to offer top-tier support in planning future network upgrades. We pride ourselves on having the best Engineering and Support staff available at a moments notice.

SkyRider Communications provides unparalleled service and support. We maintain proactive network monitoring 24 hours a day, 7 days a week. We also maintain an Online Trouble Ticketing system complete with a Forum, and a Knowledge Base. Our support staff is always a phone call away to answer any questions.

SkyRider is pleased to provide a superior Wireless Digital Microwave Network infrastructure to support not only Administrative, and Teaching Staff, but more importantly, Students learning ability. With the technology available to School Districts through Wireless Network Technology, and the Service and support of the SkyRider Communications Staff, all of this and more can be achieved.

Skyrider and its sister companies offer a combined enterprise communications experience of nearly 84 years. With such extensive experience, Skyrider offers consulting services in the areas of Network Design, Project Management, Network Operations, Network Management, and Network Security. Our sister companies also offer expertise in terrestrial communications and cellular communications.

Confidential

Skyrider Communications *2900 Louisville Avenue* Monroe, La 71201

ATTACHMENT A. LOUISIANA PSC CERTIFICATION

Louisiana Public Service Commission

Certificate of Authority to Operate

Certificate Number TSP00404

A Certificate of Authority to Operate is hereby granted to

FAMILYTEL OF LOUISIANA, LLC

A telecommunications service provider under the laws of Louisiana, whose principal office location or place of business is 2900 Louisville Avenue, Monroe, Louisiana 71201.

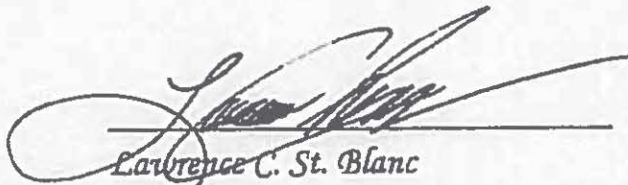
FamilyTel of Louisiana, LLC shall operate in full accordance with the rules and regulations of the Louisiana Public Service Commission relevant to the provision of telecommunications services. The application as originally filed provides for Competitive Local Exchange Carrier Services within Louisiana.

Witness the signature and seal of the Commission at Baton Rouge, Louisiana this 2nd day of July, 2001.

Louisiana Public Service Commission

Attest:




Lawrence C. St. Blanc
Secretary

**ATTACHMENT B. SPIN NUMBER SEARCH RESULTS
AND ELIGIBLE TELECOM PROVIDER**

Confidential

Skyrider Communications *2900 Louisville Avenue* Monroe, La 71201

Reference Area - Schools and Libraries Division

SPIN and BEAR Contact Search Results

Note to Applicants Please check the address information to ensure you are contacting the correct Service Provider

The absence of a "Y" in the Eligible Telecomm Provider column may simply indicate that the company has not yet been researched by the SLD to determine if it is eligible to provide telecommunications services Applicants are reminded that they should confirm this and all other information with their Service Provider

Page 1 of 1
Results 1 - 1 of 1

SPIN	Service Provider Name	Contact Name	Contact Address	Contact Phone	Eligible Telecomm Provider	SPAC Filled
143028749	Family Tel Of Louisiana, LLC	Mark C Hendricks	2900 Louisville Ave . Monroe, LA 71201	318325-9100	Y	2004

New Search

Done

Questions about the SLD Program? Call our Client Service Bureau at (888) 203-8100.

For web site questions or comments please use the [Get Help](#) form.

Universal Service Administrative Company - SLD
Copyright 2000 USAC
All Rights Reserved

Confidential
Skyrider Communications, Inc. *2900 Louisville Avenue*Monroe, La 71201

ATTACHMENT C. ARTICLES & RESOLUTIONS

**RESOLUTION BY THE
BOARD OF DIRECTORS OF
SKYRIDER COMMUNICATIONS, INC.**

The undersigned, being all of the directors of the above captioned corporation (the "Company"), acting pursuant to the respective provisions of the laws of the State of Louisiana, do hereby approve and adopt the following action for and on behalf of the Corporation:

RESOLVED, that Wayne Kairdolf, be and he is hereby elected Vice President.

FURTHER RESOLVED, that the Vice President, Wayne Kairdolf, be and he is hereby authorized to execute Proposals; to make sales; and perform such duties as from time to time assigned him by the President or by the Board of Directors.

FURTHER RESOLVED, that any actions taken by the officer appointed hereby prior to the date hereof be, and they are hereby, ratified and adopted in all respects as the acts of the Company as if they had been taken subsequent to the date hereof.

IN WITNESS WHEREOF, we have signed this Resolution adopted by the Board of Directors effective this 11th day of November, 2004.



Brad Warden, Director

CERTIFICATE

The undersigned Secretary of SkyRider Communications, Inc., a corporation duly organized and existing under the laws of the State of Louisiana, hereby certifies that the signatories to the foregoing resolution constitutes all of the duly elected directors of the Company as of the date hereof.

November 11, 2004

By: 
Name: Paul Hargrove
Title: Corporate Secretary

UNITED STATES OF AMERICA
State of Louisiana

Box McKeithen

SECRETARY OF STATE

As Secretary of State, of the State of Louisiana, I do hereby Certify that
a copy of the Articles of Incorporation and Initial Report
of

SKYRIDER COMMUNICATIONS, INC.

Domiciled at MONROE, LOUISIANA,

Was filed and recorded in this Office on May 21, 2001,

And all fees having been paid as required by law, the
corporation is authorized to transact business in this
State, subject to the restrictions imposed by law, including
the provisions of R.S. Title 12, Chapter 1.

*In testimony whereof, I have hereunto set
my hand and caused the Seal of my Office
to be affixed at the City of Baton Rouge on,*

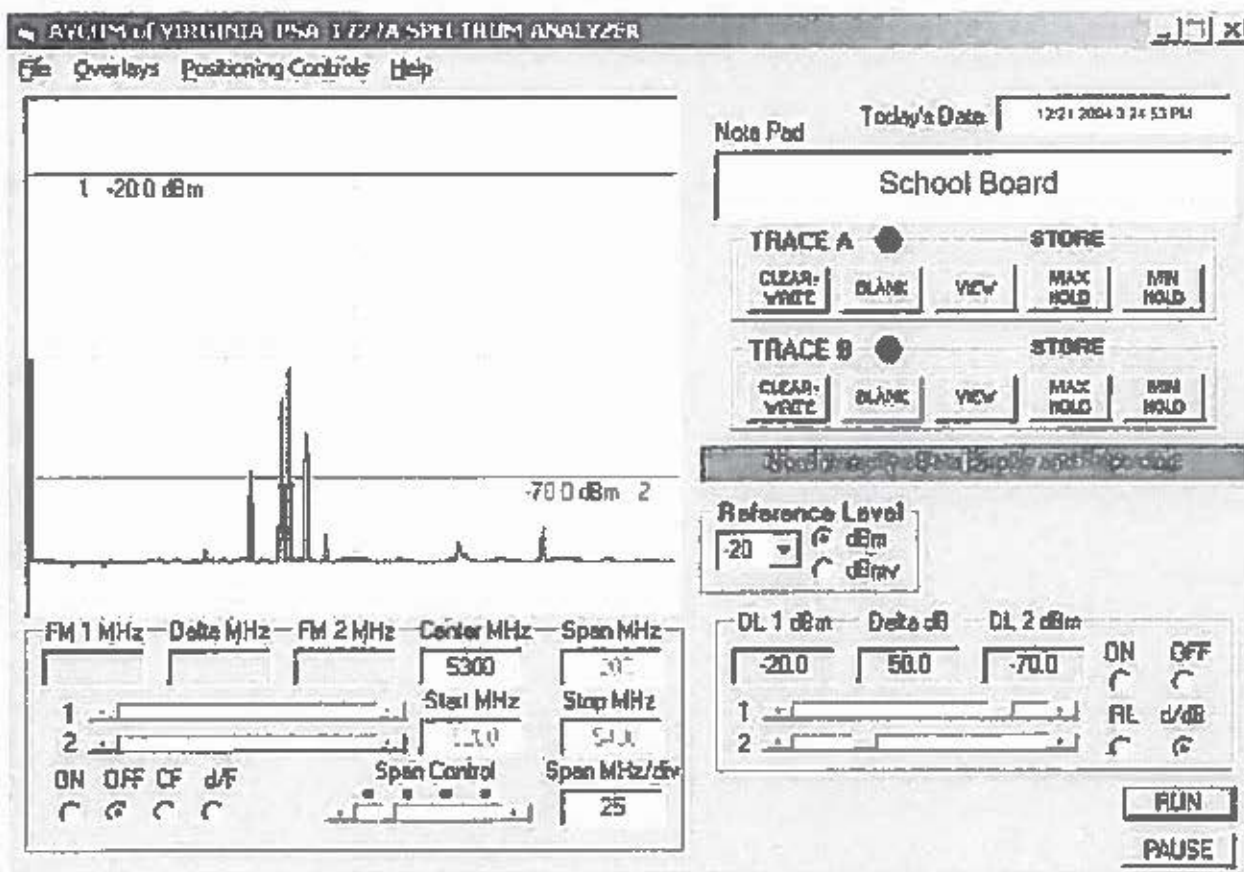
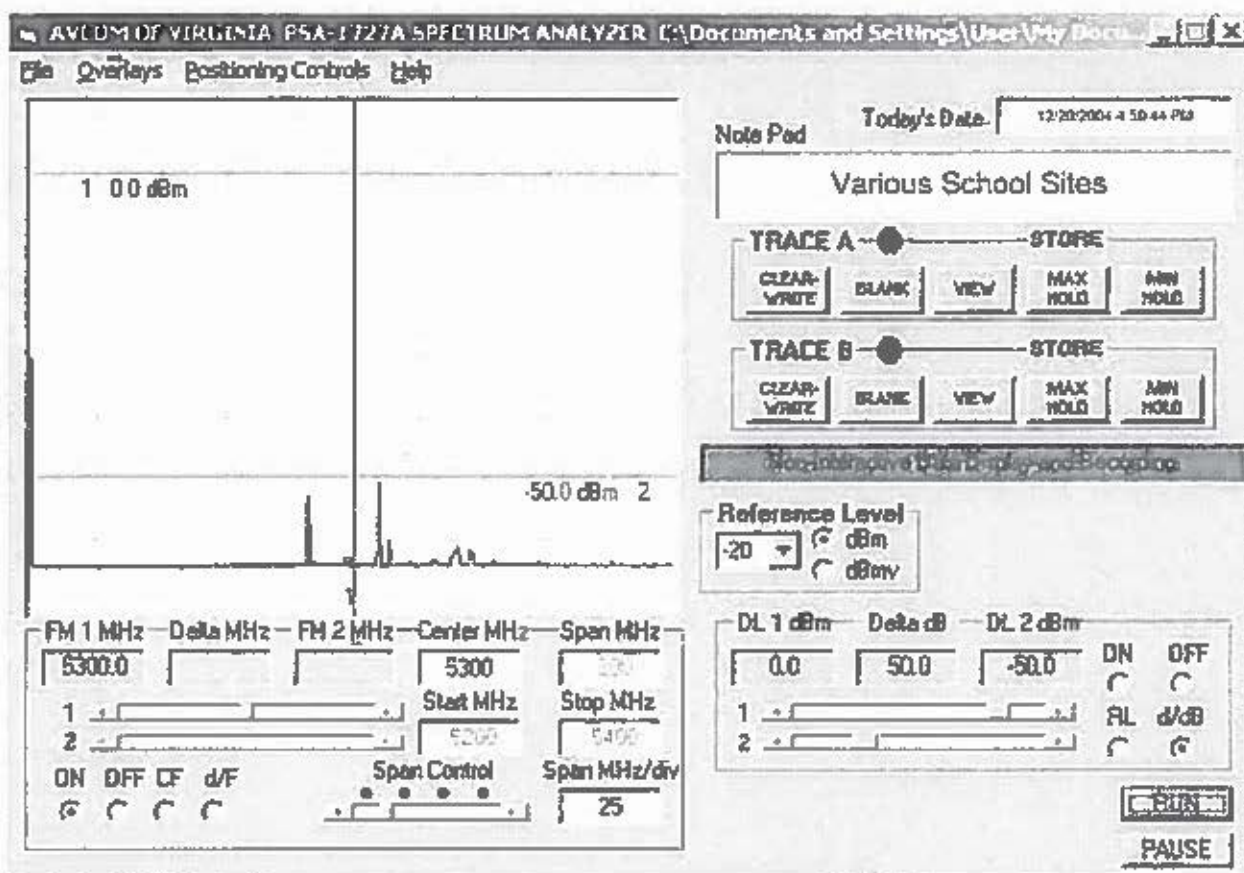
May 21, 2001
Box McKeithen

RG 35092402D
Secretary of State



CERTIFICATE 58 102 3 003000

ATTACHMENT D. SPECTRUM ANALYSIS



ATTACHMENT E. INSURANCE CERTIFICATES

Confidential

Skyrider Communications, Inc. *2900 Louisville Avenue*Monroe, La 71201

ACORD CERTIFICATE OF LIABILITY INSURANCE		OP NO. 75 HOME-11	DATE (MM/DD/YYYY) 01/13/05
PRODUCER United Insurance Agency Inc. 116 W. Elm - P.O. Box 1604 El Dorado AR 71731-1604 Phone: 870-863-4123 Fax: 870-862-6956		THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.	
INSURED HOMETEL, INC. Brad Warden 2900 Louisville Ave Monroe LA 71201		INSURERS AFFORDING COVERAGE	NAIC #
		INSURER A: CNA INSURANCE COMPANY	
		INSURER B:	
		INSURER C:	
		INSURER D:	
		INSURER E:	

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

POLICY IDENT.	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
X	GENERAL LIABILITY	2075713219	03/28/04	03/28/05	EACH OCCURRENCE \$ 1,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMITS APPL'ES PER <input type="checkbox"/> POLICY <input type="checkbox"/> PRO. <input type="checkbox"/> LOC.				DAMAGE TO RENTED PREMISES (EA OCCURRENCE) \$ 100,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 1,000,000
A	AUTOMOBILE LIABILITY	B2075713267	03/28/04	03/28/05	COMBINED SINGLE LIMIT (EA ACCIDENT) \$
	<input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS				BODILY INJURY (Per person) \$ 1,000,000 BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	GARAGE LIABILITY				AUTO ONLY - EA ACCIDENT \$ OTHER THAN AUTO ONLY EA ACC \$ AGG \$
	EXCESS/UMBRELLA LIABILITY				<input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE DEDUCTIBLE \$ RETENTION \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	WC276810631	03/28/04	03/28/05	WC STATUTORY LIMITS OTHER E.L. EACH ACCIDENT \$ 100,000 E.L. DISEASE - EA EMPLOYEE \$ 100,000 E.L. DISEASE - POLICY LIMIT \$ 500,000
A	Property Section	2075713219	03/28/04	03/28/05	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

CERTIFICATE HOLDER SKYRIDE Homotel, Inc. Brad Warden 2900 Louisville Ave Monroe LA 71201	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 10 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES. AUTHORIZED REPRESENTATIVE <i>Robert R. Brown Jr.</i>
--	---



Tom Robinson
trobinson@nexusystems.net

2904 Evangeline Street
Monroe, Louisiana 71201
Phone: 318.340.0750
Wats: 866.340.0750
Fax: 318.340.0580
Web Address: <http://www.nexusystems.net>

Nexus Systems, Inc.

2006 Wireless Network Feasibility Ass Jefferson Davi

Project Number 06-0008
Date January 12, 2006

Brought to
Project @
3:30 on
1/12/06

Nexus Systems, Inc.

2904 Evangeline Street Monroe LA 71201

Phone: 318.340.0750 FAX: 318.340.0580

<http://www.nexussystems.net>

January 16, 2006

Ms. Helen Atchison
Technology Coordinator
Jefferson Davis Parish School Board
203 East Plaquemine Street
Jennings LA 7-546

Dear Ms. Atchison:

In response to your Form 470 posted for Funding Year 2006 Nexus Systems, Inc. is pleased to offer options for Internet services for the school district. We appreciate the opportunity to provide service and pledge our dedication to service for the district. The attached options are intended to help define your proposed networking requirements in order that we may provide your organization the best configuration and pricing proposal to access new technologies as they become available in the future. Lease over a longer term will provide significant savings for the district and the district can be protected with a non-funding option in the case of ERATE funding not being available.

Nexus Systems has implemented a U.S. Department of Agriculture Rural Utilities Service model project to provide very high-speed wireless Internet backbone between Monroe and Tensas Parish. The project employs a combination of methodologies to promote wireless technology in rural areas where no other service is available. We look forward to enlarging this project with your participation. In addition, Nexus Systems is currently implementing high-speed wireless projects in ten parish systems.

Nexus Systems is currently providing high-speed Internet services to over 180 locations in 14 school districts, private schools, public agencies, residential and commercial customers. We provide routing support for over 100 H.323 video conferencing units participating in the TLCF and LEARN grant projects and have partnered with regional Universities to sponsor over 100 teacher certification courses. We offer DS3 backbone service from Monroe and support all major equipment and software requirements for customers. The majority of our staff members are CS/CIS/EE/MBA or Educational Technology professionals. Most important, however, owners of the company and key personnel are all former educators and education is our primary purpose.

Nexus Systems currently supports over 100 T1 lines for customers, but we are also offering support for wireless Internet access. Nexus Systems is a registered dealer for Proxim/Terabeam Wireless, Tandberg, PolyCom, Motorola, Cisco Systems, Nortel, Avaya, HP, NetGear, and Howard Computers. In addition, Nexus is often able to provide state contract pricing on equipment and services. In summary, Nexus Systems stands ready to provide complete professional services and comprehensive product line support for the educational customer.

The Louisiana Public Service Commission has given Nexus Systems authorization to operate as a Competitive Local Exchange Carrier for the State of Louisiana. Nexus systems is registered with the Universal Service Administrative Company as an Eligible Telecommunications Provider. In addition, Nexus Systems is a registered and licensed Louisiana State Telecommunications Contractor.

The attached Proposal and Options are a summary of the common items to be addressed in an ISP service. Please note that many of the options requested involve a much higher level of service than the traditional ISP offers, but these services are necessary for effective network utilization. In addition to Telecommunications and Internet Services, Nexus Systems can provide equipment, installation, and maintenance services upon request.

Thank you for reviewing this Internet access proposal. This proposal is a valid, cost effective solution for Jemmerson Davis Parish Schools. Please feel free to contact me at any time, if you have any questions. Nexus Systems will provide a detailed cost proposal based on the options and services you request. We look forward to our continued relationship in the future.

Sincerely,



Mark Stevenson

President

(318) 340-0750 (Voice)

(318) 340-0580 (FAX)

msteve@nexussystems.net (E-MAIL)

Attachments:

- (1) Proposals & Options

Key Points of Nexus Systems and Our Proposal

1. Nexus will provide all services, bandwidth, and required equipment under lease as requested. A multi-year term with voluntary extensions can be contracted. The district is fully protected with a non-funding agreement.
2. For wireless options, Nexus will provide self-supporting towers for safety at public locations.
3. For wireless options, links between schools will be a minimum of 20 Mbit that will provide up to 15 times the throughput over current installations.
4. The primary link to the Internet will be 3.0 Mbit or higher, depending on the service option selected. For wireless options, the link will be upgradable to 45 Mbit and will provide up to 30 times the current Internet access speed.
5. All wireless traffic will be encrypted for security with "Blowfish" military specifications.
6. This proposal provides all of the carrier class services required for a dedicated local ISP..
7. Support staff, based in the Monroe and Minden offices, includes multiple EE, PE, Cisco and certified wireless tower engineers who are dedicated to providing quality technical support to the district.
8. Nexus Systems is certified as an FCC Eligible Telecommunications Provider, as a licensed Louisiana State Telecommunications Contractor and as an authorized Louisiana Public Service Commission Competitive Local Exchange Carrier.
9. With over 7 years of experience in providing video classes to in access of 100 locations in area schools and universities, we understand both the technical and logistical side of Video Conferencing. Blackboard services are also a part of the video conferencing package.
10. We promote economic development in Louisiana as evidenced by a Distinguished Service Award from the Monroe Chamber of Commerce and a Louisiana Economic Development Award from the West Monroe Chamber of Commerce.
11. Our key strategic partnerships, with Proxim/Terabeam Wireless, Alvarion, Tandberg, PolyCom, Motorola, Cisco, Avaya, and Howard Computers, allow us to meet your technology needs including telephone system installation and video security systems.
12. Nexus currently provides services for agencies in the Louisiana Department of Education, area hospitals, banks, residences and many other business and public entities.

NEXUS SYSTEMS, INC.
PROPOSAL OPTIONS
Jennerson Davis Parish School District

EXECUTIVE SUMMARY

Nexus Systems proposes to provide Internet access services under a high-speed wireless lease option. As a secondary option, Nexus Systems will provide Internet access with T1 connection to schools. Connection to ISP services under the T1 option will be direct links to the ISP or T1 links from schools to the Central Office and an aggregated 3 Mbit or higher link between the Central Office and the ISP. Costs and terms for all options are shown under the costs section of the proposal. Under any option selected, ISP services will provide functions as outlined in the proposal.

Options are available for configuration of WAN Internet Service. Nexus will provide 1.54 ("T1") speed service from schools to the central office as currently provisioned and then will provide 3 Mbit or greater guaranteed Committed Information Rate (CIR) service to the Internet. The service can be offered in a multiyear term for three or five years as requested.

Nexus will also provide higher bandwidth WAN connections from schools under a Broadband network. This option will increase bandwidth between schools from a factor of 1.5 Mbits to 54 Mbits and provide for a up to a 45 Mbit full-duplex backbone to connect backbone segments to the school central office. As noted in the pricing section, the cost increase after discounting will be minimal for this increase in service.

If the district does choose Nexus Systems as the WAN and Internet provider, Nexus will honor the contract pricing under any combination of services to be provided over a selected term. For example, the district may wish to remain with "T1" links for a year before moving to the Broadband option. In this case, Nexus would offer the "T1" WAN pricing for one year and then offer to move to the five year plan for Broadband wireless. We welcome the opportunity to work with the district on any transition plan.

The Broadband network is quoted as 54 Mbits to the schools and 45 Mbits on the backbone links. The actual connections to schools will be 54 Mbits nominal, but with normal overhead, the true speed to the school "Ethernet port" will be approximately 24 Mbits. Please note many competitors only offer 11 Mbits nominal (4 – 6 Mbits ethernet) as part of a Broadband WAN. We offer the most cost effective options available in the industry today. The backbone links will be true 45 Mbit full duplex links.

Under any option selected, Nexus will provide all services as required in the Form 470. The only item not "bundled" is a separate charge of \$500 per year for Internet Filtering. It is our

understanding this charge should not be “bundled”.

Separate pricing as requested is provided for internal connections hardware and maintenance services as requested.

OPTION PLAN “1” – T1 Lines in Aggregated Star Configuration

The district may elect for each school to connect from the school to the District Central Office with a 3.0 or higher Mbit link from the Central Office to the ISP. Key points of the option are:

- Any failure between the school and Central Office will only affect a single school.
- Only a failure of both links in the 3 Mbit link would cause failure of ISP link.
- Central routing equipment and programming at the district is required, but can be provided under ISP lease.
- High bandwidth Internet dependent applications such as video conferencing or ASP services are available over the 3 Mbit link, but with bandwidth limitations.
- ISP services all route through the Central Office.

OPTION PLAN “1” - Plan Elements

Under the plan, each school would have a T1 link or equivalent connected directly from the school to the District Central Office. An additional 3 Mbit line (or higher) from the District Central Office to the ISP will provide Internet services. Leased routers, CSU's and primary switches will be provided under the lease.

OPTION PLAN “2” – High Speed WAN Configuration

The district may elect for each school to connect from the schools to the central access points at 54 Mbits nominal, connect backbone links to the central office with a 45 Mbit full duplex backbone and then connect from the central access point to the ISP with up to a 45 Mbit backbone links. Key points of the option are:

- Any failure between the school and Central Office will only affect a single school.
- Only a complete failure of 45 Mbit backhaul link can cause failure of ISP link.
- Backhaul links employs full duplex transmission for very resilient transmission.
- All wireless equipment is SNMP capable reporting directly to the ISP.
- Tower and tower equipment, that is required at each site, can only be leased.
- Wireless equipment, that is required at all sites, can only be leased.
- Central routing equipment and programming at the district is required.
- High bandwidth Internet dependent services such as video conferencing or ASP services are available over the backbone link with virtually no bandwidth limitations.
- Very high speed networking between schools, Central Office, and Internet.
- Existing T1 service and equipment can be re-deployed at any time if desired.

- ISP services all route through the central access point.

OPTION PLAN "2" - Plan Elements

Under the plan, each school would have a 54 Mbit nominal link connected directly from the school to the central access point on the backbone links. School links will be 5.8 GHz services to provide the optimum effective bandwidth. An additional 45 MBit link from the school POPS to the central access point will be installed, providing very high bandwidth WAN service. The district will be connected to the ISP on the Nexus backbone for Internet services. ISP service is provided with a 3 Mbit CIR guarantee as requested with higher options. For broadband service, the contract would provide leased towers, wireless radio equipment, router replacements or enhancements and other equipment at schools as required under the end-to-end networking concept. Any additional equipment would be provided by the ISP service under the end-to-end networking concept.

COSTS – OPTION PLAN "1" WIRELINE SERVICE

The lease cost of Internet Service under this plan is as shown in the table below for five year terms. The cost will be discounted under the ERATE plan with the district paying the assumed discount rate of the prior year. In addition, the district is charged \$500 for Internet filtering and ineligible software and services that are not eligible under ERATE discount.

		Internet (Mbit)				
Option 1		Jeff Davis	3	6	9	12
T1 Links		\$ 358.00	\$ 5,728.00	\$ 6,444.00	\$ 7,160.00	\$ 7,876.00
Sites	Internet T1	14	16	18	20	22
Total Monthly			\$ 5,728.00	\$ 6,444.00	\$ 7,160.00	\$ 7,876.00
Total Annual			\$ 68,736.00	\$ 77,328.00	\$ 85,920.00	\$ 94,512.00
Internet Cost			\$ 45,000.00	\$ 55,000.00	\$ 65,000.00	\$ 75,000.00
Total Cost			\$ 113,736.00	\$ 132,328.00	\$ 150,920.00	\$ 169,512.00
Cost/Site/Month			\$ 677.00	\$ 787.67	\$ 898.33	\$ 1,009.00
District Cost/Year	24%		\$ 27,296.64	\$ 31,758.72	\$ 36,220.80	\$ 40,682.88

COSTS – OPTION PLAN "2" WIRELESS WAN SERVICE

The lease cost of Internet Service under Option Plans is as shown below per year. The cost will be discounted under the ERATE plan with the district paying the assumed discount rate of the prior year. In addition, the district is charged \$500 for Internet filtering and ineligible software and services that are not eligible under ERATE discount.

Option 2	60 Months	Jefferson Davis	Internet (Mbit)	Internet (Mbit)	Internet (Mbit)	Internet (Mbit)
			3	6	9	12
Wireless WAN & Internet			\$ 10,146.43	\$ 10,146.43	\$ 10,146.43	\$ 10,146.43
Total Monthly			\$ 10,146.43	\$ 10,146.43	\$ 10,146.43	\$ 10,146.43
Total Annual			\$ 121,757.14	\$ 121,757.14	\$ 121,757.14	\$ 121,757.14
Internet Cost			\$ 45,000.00	\$ 55,000.00	\$ 65,000.00	\$ 75,000.00
Total Cost			\$ 166,757.14	\$ 176,757.14	\$ 186,757.14	\$ 196,757.14
Cost/Site/Month			\$ 992.60	\$ 1,052.13	\$ 1,111.65	\$ 1,171.17
District Cost/Year	24%		\$ 40,021.71	\$ 42,421.71	\$ 44,821.71	\$ 47,221.71

Note the total variance between the current "T1" configuration and the Broadband configuration for the five-year lease is negligible each month/school after discounting. Please note we offer other options and will be pleased to work with the district to customize any portion of the program to enhance features and/or reduce costs as needed. The cost computations are made based on the number of locations presented in the proposal. If it is possible to economize with fewer locations or consolidations, costs can be decreased. Please advise if such change is needed and we will be pleased to provide.

In cost evaluating proposals for bandwidth, remember the salient factors of bandwidth to the Internet, bandwidth to individual sites, and bandwidth on the backbone. Some proposals may present bandwidth as an aggregate (such as "12 sites @ 54 Mbits = 648 Mbits total bandwidth"), but this comparison is in error. The actual speed to each site will be slightly less than one half of the 54 Mbits (since radios are half duplex) and links are not additive. For this reason, therefore, we seek to provide an accurate representation of approximately 23 Mbits for the network as a whole with 45 Mbits for backbone links. This proposal is intended to provide a cost effective medium, but the proposal can be provided for up to 300 Mbit links at higher cost. Please advise if additional bandwidth is desired.

RECOMMENDED OPTION(S)

Nexus Systems can provide services under any of the options listed above. It is understood, however, that the district seeks very high-speed Internet access in order to provide new Internet network services to students. Internet dependent services such as video conferencing, virtual classrooms, and computer-based learning can saturate T1 speed links very quickly. As an example, two video conferencing sessions communicating over the Internet at 30 frames/second can consume half of a T1 speed link. Other services offer similar bandwidth consumption. For these reasons, it is recommended that the district select Option "2".

GENERAL INTERNET PROPOSAL TERMS

1. Proposed term is 5 years from July 1, 2006 for wireless options. Other terms can be quoted upon request. We normally quote a 5-year commitment with lower lease costs along with a non-funding option where the district will be released if the ERATE is not approved.
2. Proposal cost is quoted on an annual basis due to fixed cost commitments from the ISP.
3. Nexus Systems and the customer are required to execute a written contract for services with contract to be included in the 471 Application. *The contract will provide a disclaimer such that implementation of contract is contingent upon ERATE funding for Funding Year 2006.*
4. All equipment and towers are furnished under SLD guidelines for equipment leased for Internet Access. Under those guidelines, the customer may not acquire ownership of equipment. Other guidelines from the SLD may apply. Nexus Systems and the customer must comply with all such guidelines.
5. The contract may be accepted by the customer and have implementation begun by Nexus Systems prior to receiving notice of ERATE funding when based on express authorization by customer. In such case, Nexus Systems and customer will negotiate terms of proposal based on contingent funding by ERATE.
6. Nexus Systems will provide Service Level Agreement (SLA) commitment to guarantee satisfactory performance levels.
7. Nexus Systems will guarantee SLA performance levels for wireless solutions.
8. Nexus Systems will be responsible for all tower and related installation. Nexus Systems is fully insured under Louisiana Workman's Comp, and carries general liability to provide assurance of work coverage. Proof of insurance from Nexus Systems and/or any subcontractors will be furnished upon request.
9. School site towers will be assumed to be located on school property.
10. Central site tower(s) may not be on school property if other geographical location provides better functionality.
11. Sample configurations presented in the Network Feasibility Assessment represent the suggested design of a wireless network. Actual deployment may provide changes in configuration in order to provide the most robust deployment.

GENERAL SPECIFICATIONS FOR WIRELESS EQUIPMENT

TOWERS

The key elements to wireless implementation are tower construction, quality radio selection, professional installation and maintenance. Tower design is primarily of two types. The "guy" tower is the traditional radio tower with guy wires. The alternative is the self-supporting design or the metal pole design. For the reasons discussed below, the self-supporting design is preferred.

Nexus Systems will recommend deployment of the Nello series self-supporting tower or equivalent Pole tower configuration. The general design for the towers will be a combination of towers as shown in the network feasibility for school and backbone locations. Actual deployment may differ, however, based on the needs at each location. Nello is the leading brand names for towers utilized by major telcom, Internet, military, and government sites. For this application, the self-supporting design is superior to traditional "guy" towers as the tower carries strength sufficient not to require supporting "guy wire" cables. The Pole tower is a variation of the self-supporting configuration where the entire tower is one round steel pole that is anchored into the ground with wiring running inside the pole.

Convenience of placement is a concern in tower specification selection. The footprint of a self-supporting tower is a concrete pad of 12' square or less whereas a traditional guy tower requires over 120' of coverage in order to anchor guy wires at three locations on the campus. At each of the three locations for anchoring a guy tower, there must be a sunken concrete pad and anchor mast.

Safety and liability are primary concerns of any tower construction. Self-supporting towers are rated for hurricane force wind loads and secured by over 9 cubic yards of concrete and reinforcing rod. The guy towers are secured by cables that will be subject to tension adjustments. Breakage of any guy wire can result in tower collapse in a school environment where hundreds of children are at risk.

Network performance is also a major concern with tower construction. Wireless transmissions are a precise alignment of radio transmitters and receivers. Wind conditions may cause considerable degradation of transmission performance if the tower torques with wind shear. Self-supporting towers provide a much more stable platform with very little "twist", even during wind shear conditions. Guy towers are susceptible to wind shear torque because of the nature of cable guy wire construction.

Cost of any tower placement must be considered in light of convenience, safety, liability, and performance needs. The initial cost of self-supporting towers is higher than the cost of a guy tower. The long-term cost of a self-supporting tower is lower, however, as there is much less maintenance, longer life, and fewer liability concerns. For these reasons, Nexus Systems proposes to install self-supporting towers or the equivalent Pole configuration as part of the

leased Internet service.

WIRELESS EQUIPMENT and SERVICE

Quality of the wireless equipment is paramount to the successful implementation of a high bandwidth network. Nexus Systems proposal is based on Alvarion and Ceragon point to point and multipoint distribution systems that provide 54 Mbit nominal service. Each school site will have compatible matched equipment.

The 45 Mbit backhauls will be performed utilizing Linx CX, Redline Communications or equivalent hardware and software. The systems utilize OFDM protocol modulation to provide superior performance even in adverse conditions. The protocol will automatically adjust to continue service even if the signal is corrupted by interference.

Several features insure security of the wireless operation. The wireless systems employ a proprietary direct sequencing modulation technique that is unique to vendor. In addition, WEP and/or VPN can be invoked for added encryption security. The alignment of towers and radio links also mean an intruder would have to go to great lengths to obtain line of sight of the signal itself.

Wireless installations will be fitted with lightning arrestors, UPS systems, and remote monitoring power and environment managers. Equipment will be SNMP manageable and monitored on a 24x7 basis. Spare parts stores are maintained sufficient to meet needs for advance replacement. Equipment repair dispatching will be available on a 7-day per week basis if the customer can provide access to facilities. NEXUS SYSTEMS has implemented a work-order tracking system, but more importantly, live technical support is available at any time through office support or paging after hours.

GENERAL SERVICES PROVISIONS (ALL OPTIONS)

Internet Access provides the individual customer with a variety of Internet services

A. Comprehensive Mail Management Service:

Customers can assign one or more persons to be the mail account administrator(s), who can add new email accounts for the customer, update the individual email account information, change the email account password, and delete the individual email account. Individual users can change passwords and perform lookups of other mail users.

Mail service is offered as a POP3 service where mail host servers reside at the ISP and the user downloads mail with each login. Once downloaded, the mail is cleared from the server. Mail service is also offered as Web-based service where each user maintains mail on the server and accesses mail through a Web browser. Mail may be left on the server, or downloaded to the user

machine. Mail service is offered as based at the ISP or district site at the decision of the district.

As part of the cost of Internet Filtering described below, mail is filtered for anti-virus on all incoming and outgoing services. In addition, anti-spam services are available for all mail services. These services are not normally allowable under ERATE guidelines and are therefore included in the separate charge for Internet Filtering.

B. WWW Service:

Nexus Systems provides world-wide-web page hosting for the individual customer in the pre-defined directories on the Internet server. Each user who has an email account can post a professional home page, by a FPT of the web page, into his home directory of the Internet server. The WWW Server provides automated web logging.

Selected users can write their own CGI programs with some restrictions due to security issues. The Common Gateway Interface (CGI) is a standard for interfacing external applications (CGI programs) with the web server. A CGI program can be written in C/C++, PERL, and any UNIX shell and is executed in real-time, so that it can output a dynamic active web page. The server provides access to PostgreSQL database engine. PostgreSQL is an SQL (Structured Query Language) relational database management system.

All users can create their dynamic web pages with PHP3. PHP (Professional Home Page) is a server-side HTML embedded scripting language that lets you write simple scripts right in your HTML file. The goal of the PHP3 is to provide an extremely powerful and fast alternate to CGI programming by allowing end users to create dynamically generated pages quickly. In addition, PHP3 supports embedding PostgreSQL SQL queries directly in the HTML files, so it allows end users to build web database applications like guest book easier and faster.

The system supports Microsoft FrontPage extensions for 1999 – 2003 series code generators.

C. Domain Names Service:

This provides domain name service for the servers of the customer such as the ftp servers and web servers. Customers can name their own servers as long as the host names are unique in the domain nexussystems.net in the following convention:

xxxxxxx.nexussystems.net
where xxxxxxx is the host name of the server.

Additionally, the DNS also supports hosting of virtual domains. The ISP will register and support the public domain for any customer as part of regular service. Nexus Systems is responsible for maintenance of the “k12.la.us” domain for State of Louisiana school districts and will provide changes for any school in the State.

D. Common TCP/IP Application Services:

TELNET, FTP, AND POP services are all supported.

The Routing servers provide the individual customers with a variety of security and Internet services:

1. IP Addressing

The server circumvents the official IP address shortage and protects the private customer networks from the public (Internet) network. The ISP servers implement the IP Masquerade feature that enables the computers behind the firewall to reach the Internet, even though they have no official assigned IP addresses. The security of a masquerading stateful inspection service is much better than a packet filter based service.

2. IP Network Address Translation

The ISP servers provide the incoming connections from the Internet to the customer's (WEB, FTP and etc) servers that are located behind the ISP. The ISP servers implement Static NAT (Network Address Translation) that create a one-to-one mapping of unregistered server IP address to a official registered IP address, so that outside incoming connection can be established to the internal servers. The effect of the design is to conserve scarce registered IP addresses and provide for very easy network expansion for the customer.

3. Domain Name Service

The system provides a secondary and internal Domain Names Service.

4. Web Cache

The ISP service provides global web caching service. The effect of this service is to minimize the number of times that a WEB based application must traverse the INTERNET. In common practice, web caching will reduce INTERNET traffic by 60% to 70%. Please note that global web caching is a function at the ISP to provide better performance, the district is not provided with internal web cache servers.

5. Firewall Service

The ISP service provides global firewall services customized to your needs. Service is provided as part of the Internet service.

6. Internet Content Filtering

Internet content filtering is now a legislated requirement for many institutions. Nexus Systems utilizes the SmartFilter server-based filtering system for all users in the network with comprehensive reporting and security. The service will provide for filtering on the three principles of subscription service table updates, site rating, and keyword search. Please note that this service is not implemented as a value-added service for the customer, but it provided as part of the ancillary, integrated services of Nexus Systems. The service does not have to be utilized by the customer.

Additionally, each customer will be allowed to select from a variety of methods and filtering options. First, the customer may elect not to have filtering on a particular location, or on specific computers within a location. In such a case, the only action required by the customer will be to inform the provider which address(s) need to be exempted.

Second, the customer may elect to implement filtering at the local site level. In such a case, the actions required will be to inform the provider which address(s) need to be exempted. The customer will also install the filtering software on the local server(s), program the local machines, and maintain the filtering services. Please note that additional license costs may be incurred by the customer under this option.

Third, the customer may elect to allow the ISP to implement filtering at the ISP level and manage updates from a subscription service. In the third option, the customer will only have to set each computer to point to a proxy server at the ISP level. The firewall service of Nexus Systems will not allow users to disable the proxy service and bypass the content filtering features. In a similar manner, TELNET, FTP, and related programs will not be able to bypass the content filtering features.

In all cases, management reporting features will allow the customer to monitor attempts to access unacceptable sites and custom table features will allow a supervisor to grant override access to sites the subscription service tagged inappropriate.

Please note Internet content filtering is not be eligible for ERATE funding and is priced separately.

E. Network Support

The district has requested the Internet vendor to be a single point of service providing end-to-end service from the Internet to each school. Under this request, the vendor will provide and be responsible for all equipment, services, maintenance and installation necessary for Internet operation.

Nexus Systems is capable of providing all required services. The cost of network support of the site routers is included in the basic monthly charge for Internet services. Nexus Systems will

provide ongoing Internet support for the customer to program, troubleshoot, and review the network operation with the Internet services. With this service, Nexus Systems will provide help desk support for Internet users in normal operations as requested. In the event that the customer requests on-site services for non-eligible hardware maintenance or local programming support, normal time and materials would be assessed.

F. ISP Services

Nexus Systems is currently providing services in Monroe through a DS3 link direct to the MCI/UUNET backbone in Dallas. Nexus Systems also maintains secondary routing capability in case MCI/UUNET services are not available. Nexus Systems will provide costs under the options described for the district.

G. Company Service and Support

When evaluating networking services such as the INTERNET, there are several components of service and cost to be considered. The most basic element of service is actual access to a network provider Point-of-Presence (POP) so that your customers and staff can reach outside the local site. If the customer chooses to route all traffic through a single POP such as in the local customer office, the customer assumes all responsibility for support of the network and all services beyond the demark point of the customer office.

The second service to be considered is programming and support for the network within the customer network itself. The programming and support involves managing the Bell Flex-Service, Frame Relay, or other service lines, programming and troubleshooting routers at the central office and/or customer site level, and networking software support at the customer site level. Each customer must assume that these services are not offered, because the typical POP service provider does not routinely offer these services as part of the current networking package unless the customer purchases a separate POP for each location served.

The third service to be considered is providing network server support for users within the customer organization. For users to be able to function within the INTERNET, the customer must have server support for operating functions such as address assignments and translations, mail routing and storage, file transfer services, and WEB page and even optional filtering service and support. Perhaps the most important aspect of this type of service support is that it is changing daily with new operating systems, networking software, and communications protocols. Each customer must assume these services for users within the respective organization.

The technicians and analysts associated with NEXUS SYSTEMS have developed an expertise based on over 15 years of commitment to networking design and implementation of services. These services involve IBM and Macintosh computers operating over a variety of network protocols, connecting to Novell, NT, and UNIX operating systems. Routing equipment for the provider is Alvarion and/or Cisco, which is capable of supporting substantial traffic. The

networking file servers are Dell PowerEdge Network Servers that are equipped with power, memory, and disk redundancies. Major applications of electronic mail, file transfer and WEB services are supported and the systems are available 24 hours per day, with down time only for routine maintenance. Contract analysts and backup support from Nortel Networks supports the professional staff of the organization. Training support, if needed, is available directly from the organization and also through contract support.

Nexus Systems is standardized on Nortel Networks and Cisco routers for management and programming support. The company supports Intel-based servers under the Windows NT/2000/XP operating system for customer network support. In addition, the company will provide general technical software support for the Mac, Windows 3.11, Windows 95, and Windows NT end node IP stack software. The variables involved in the cost of INTERNET service include the number of connections, type of line services, and the degree of network support desired.